

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

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(City and State)

SCALE FOR ESTIMATING RUST

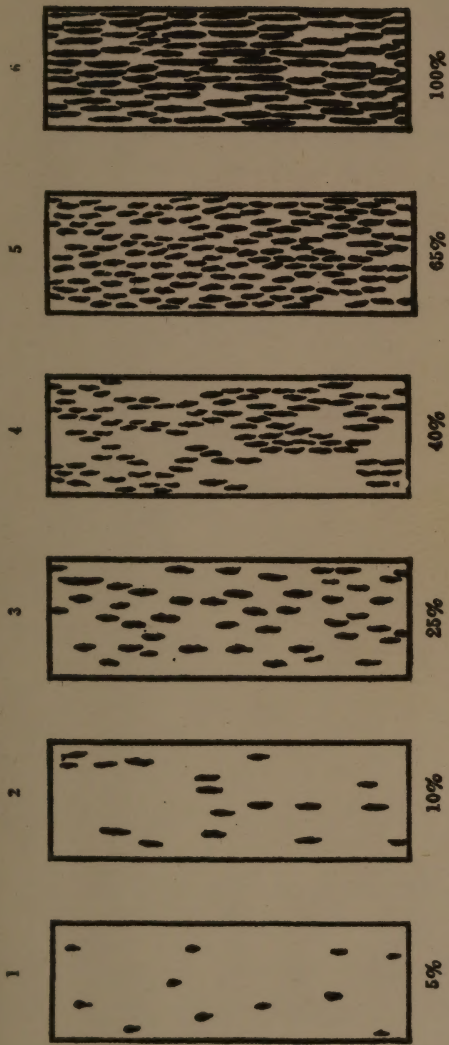
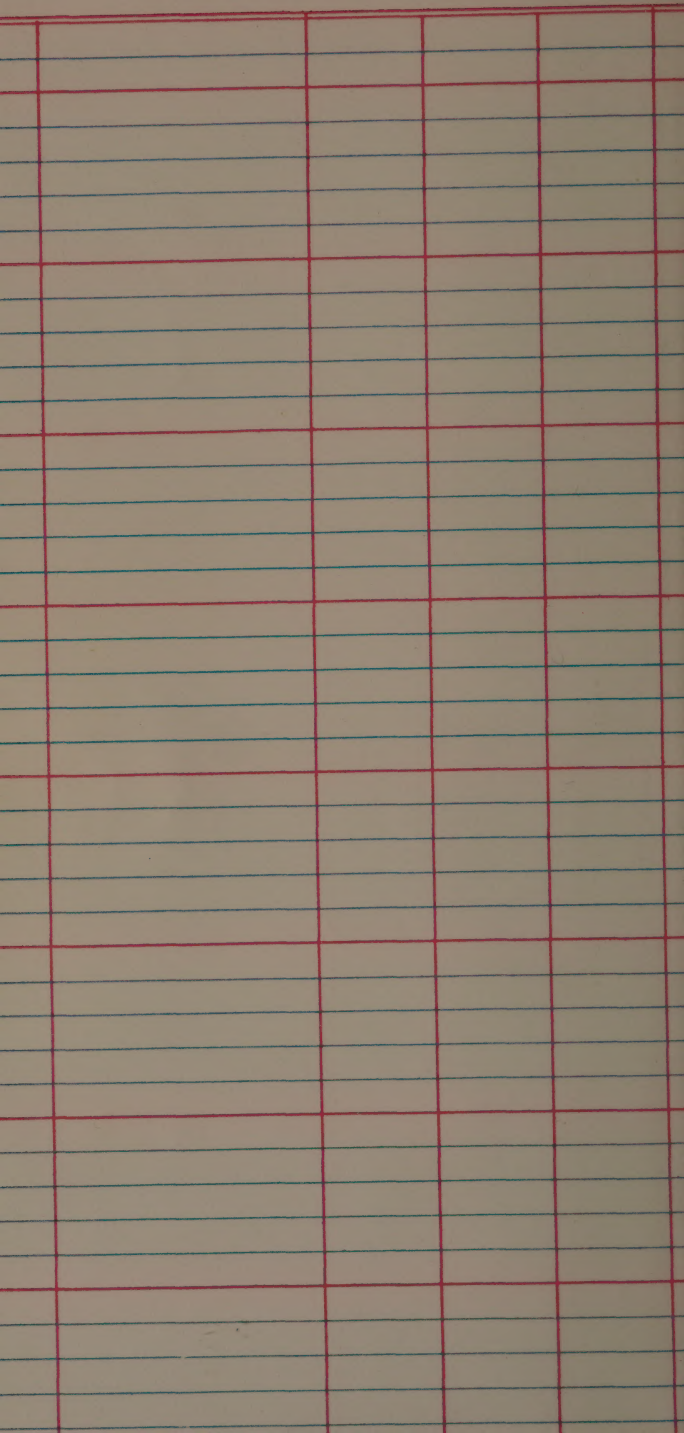


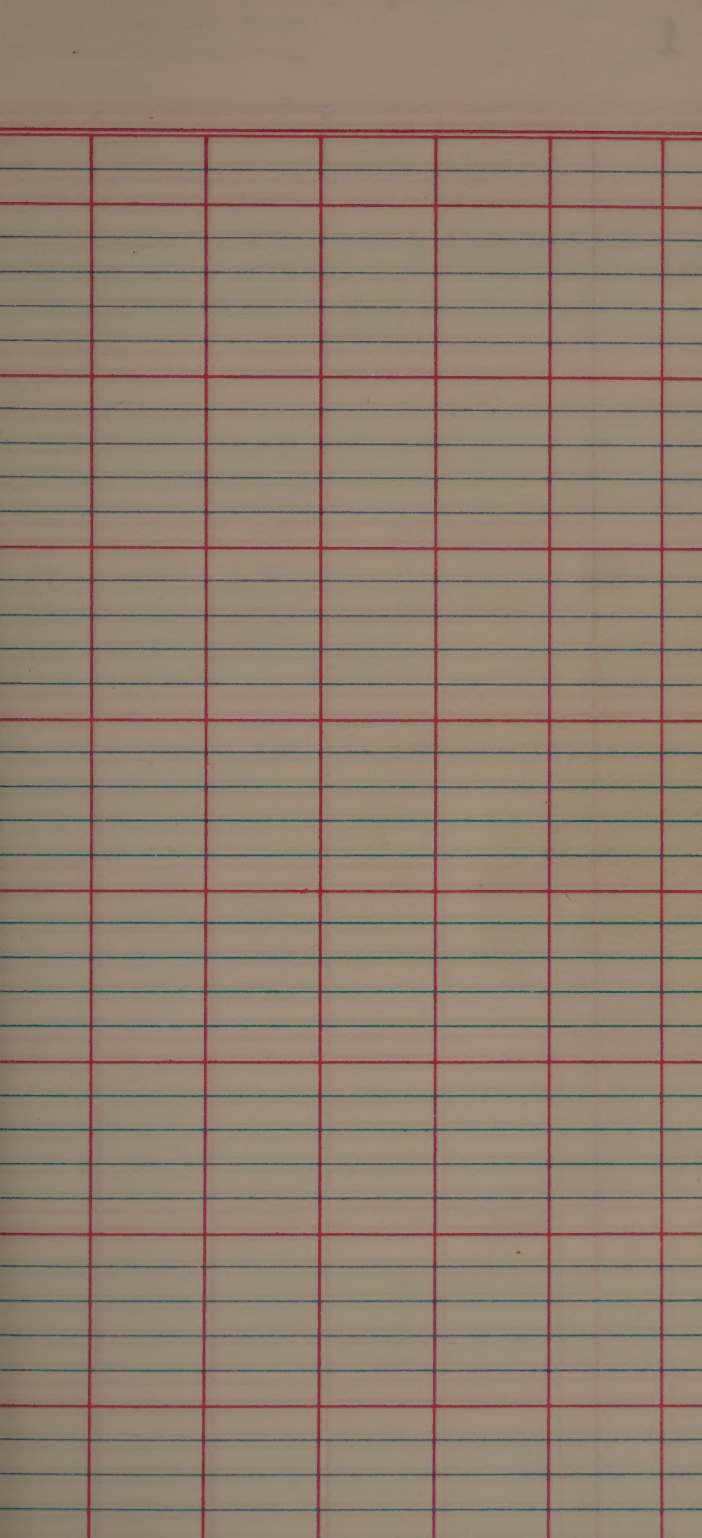
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

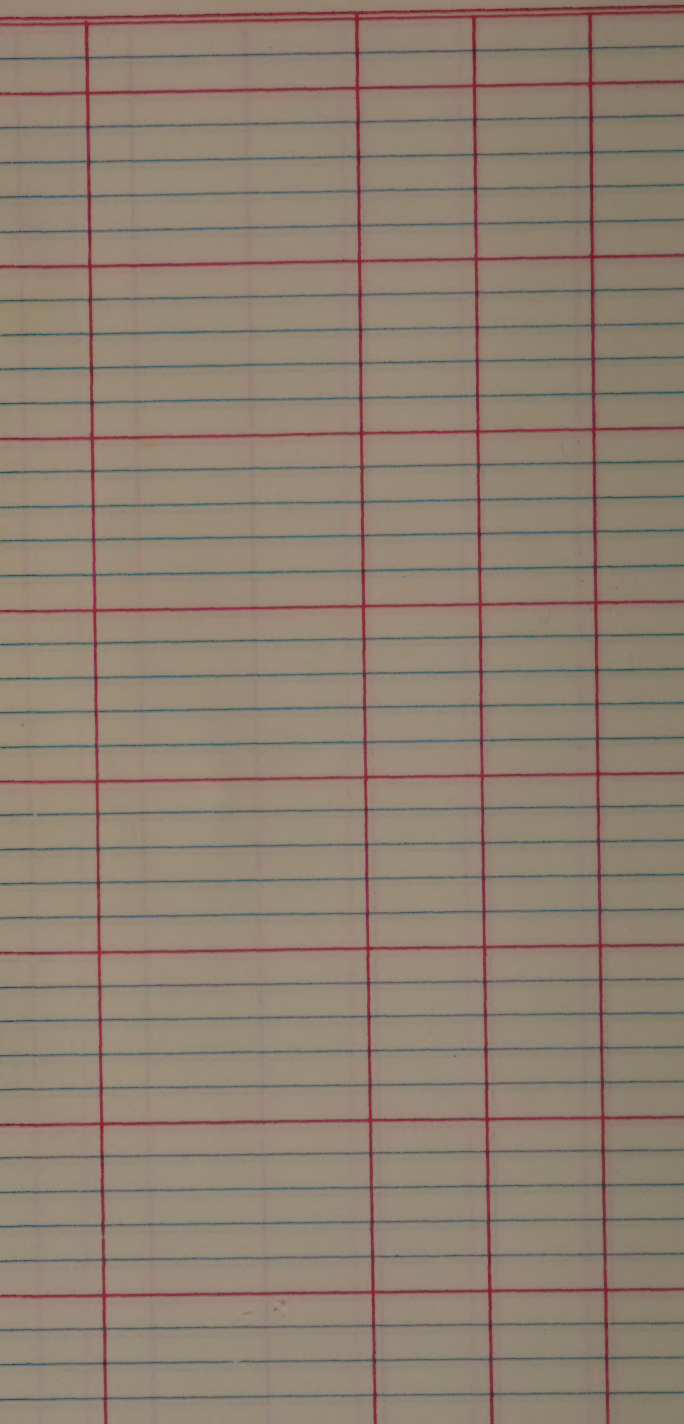
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.







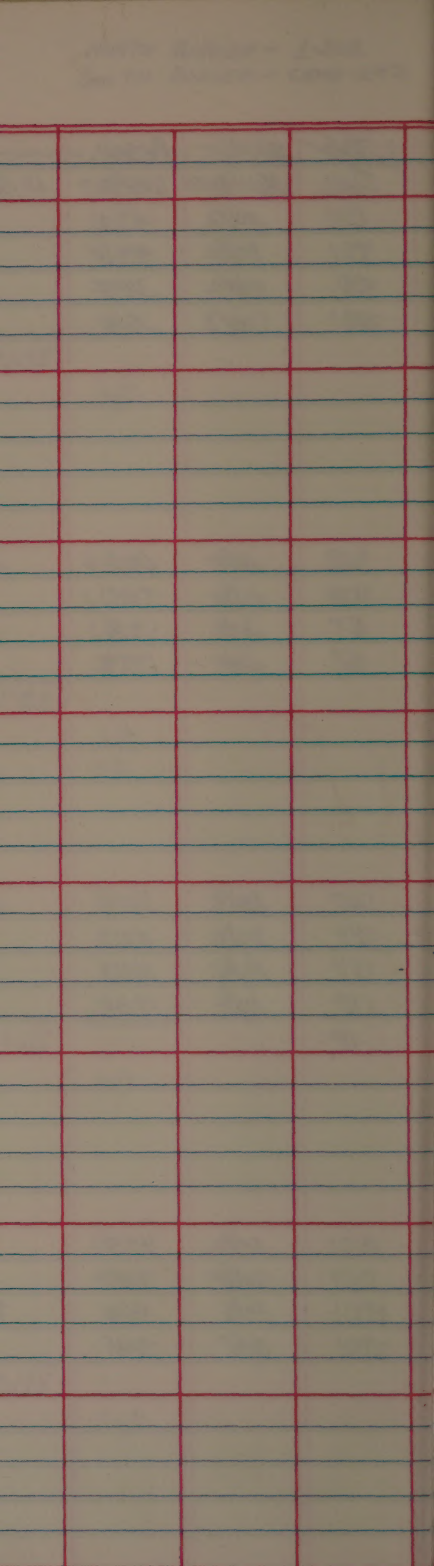
[illegible]

SEEDED 3/31/86

Group I

NORTH BORDER - L-202
SOUTH BORDER - CAMO-202

		DATE	DATE	HT.
		HEAD	HV.	CM.
1	RU8601001	6/21	7/17	110
		6/19	7/17	107
	BBLE/9837	6/19	7/17	99
		6/19	7/17	106
		1gt		
2	RU8502005	6/23	7/22	86
		6/22	7/22	80
	MDI / LBLE * 2	6/22	7/22	77
		6/22	7/22	81
		1gt		
	Very good; UHM	HF		
3	RU8403113	6/18	7/17	86
		6/17	7/17	94
	SKBT/L201	6/17	7/17	91
		6/17	7/17	91
	(3)			91
		1gt		
4	RU8601004	6/21	7/17	109
		6/20	7/17	107
	BBLE/9837	6/19	7/17	103
		6/19	7/17	103
		1gt		



16/A

3961443040584051

5	RU8402094	6/25	7/28	93
		6/25	7/28	90
	SMAR/MARS	6/25	7/28	88
		6/24	7/28	90
		myt		
6	RU8603006	6/21	7/17	80
		6/20	7/21	77
	9881/331581//L201	6/20	7/21	78
Hvd B		6/22	7/21	78
border	(315)			78
		lgt		
	Rosemont			
7	RU8501114	6/25	7/21	101
		6/25	7/21	103
	LBNT/9902	6/25	7/21	96
		6/24	7/21	97
		lgt		
8	RU8502100	6/24	7/28	89
		6/24	7/28	84
	SMAR/NATO	6/24	7/28	87
		6/23	7/28	85
		myt		

		RATON	
	HV. DATE	GM/PLOT	LB/A
0	10/2	471	
0	10/2	533	
0	10/8	442	
0	10/8	492	
			<u>2490</u>

0	10/2	607	
0	10/2	702	
0	10/2	684	
0	10/2	618	
			<u>3355</u>

0	10/8	600	
0	10/8	619	
0	10/8	530	
0	10/2	478	
			<u>2862</u>

0	10/8	531	
0	10/8	467	
0	10/8	474	
0	10/2	560	
			<u>2611</u>

5

RU840209

SMAR/MA

6

RU860301

9881/331581

Hv'd B
border

(315)

Roseman

7

RU850111

LBNT/991

8

RU8502

SMAR/NI

16/A

4449540034164118

9

RU8503009

6/23

7/17

83

6/20

7/17

82

9881/331581//7402003

6/22

7/17

84

Hv'd

6/22

7/17

84

ABC borders

(9)

lgt

10

RU8501090

6/24

7/21

103

6/22

7/17

107

BP87/9902

6/23

7/21

110

6/24

7/21

105

Uneven heading

lgt
awned

11

RU8502103

6/25

7/28

87

6/24

7/28

90

SMAR/MARS

6/24

7/28

85

6/23

7/28

84

mgt

12

RU8303181

6/23

7/21

83

6/22

7/21

80

NWRX/BLMT

6/22

7/21

77

6/23

7/21

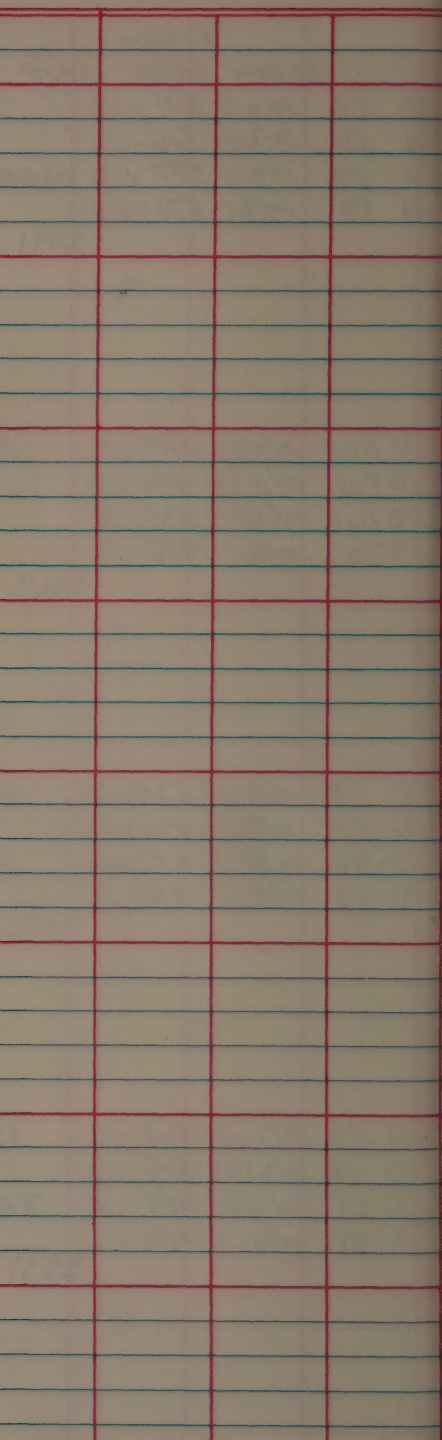
78

Hv'd A

border

(12)

lgt



$16/A$ 4774373041934280

13

TBNT

6/20	7/17	117
6/20	7/17	117
6/19	7/17	122
6/19	7/17	<u>116</u>
		118

14

BOND

6/19	7/21	103
6/20	7/21	100
6/20	7/21	100
6/20 **	7/21	<u>101</u>
		101

* Same feeding; no
yield

15

SKBT

6/24	7/21	107
6/21	7/21	106
6/23 *	7/21	107
6/24 *	7/21	<u>104</u>
6/23		106

Nest damage II
* bad bird feeding

16

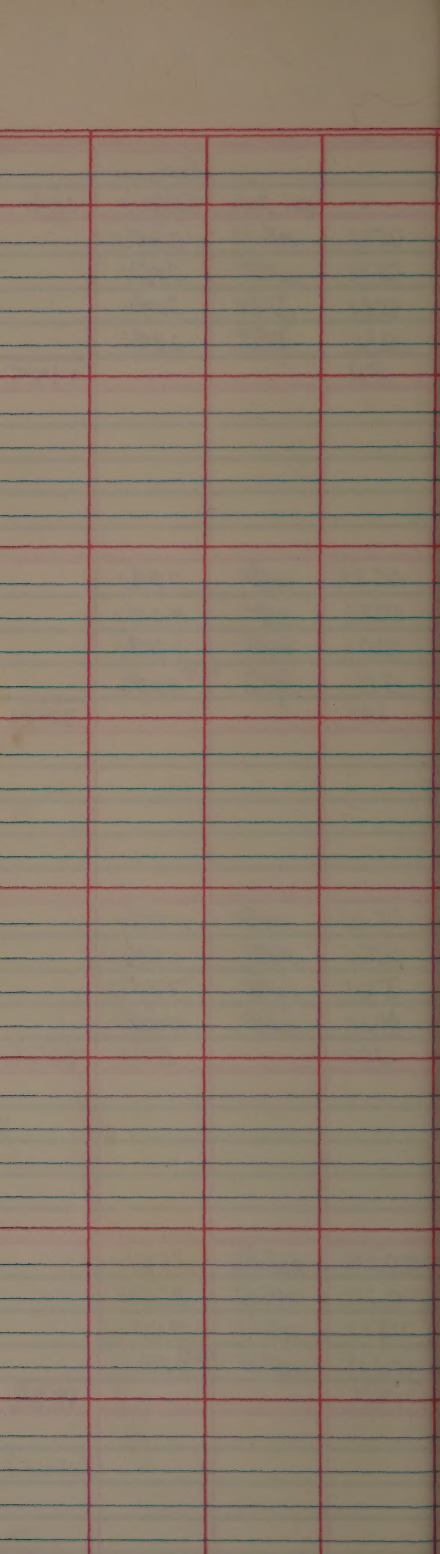
LBLE

6/16	7/17	115
6/16	7/17	116
6/16	7/17	117
6/16 ***	7/17	<u>116</u>
		116

* * No yield (birds)

* bad bird feeding

		RATOON	
	HV. DATE	GM/PLOT	LG/A
0	10/2	269	
0	10/2	306	
0	10/2	304	
0	10/2	253	
			1455
0	10/8	392	
0	10/8	433	
0	10/8	347	
0	10/15	419	
			2044
0	10/8	453	
0	10/8	456	
0	10/8	374	
0	10/15	449	
			2226
50	10/2	356	
40	10/2	366	
20	10/2	320	
60	10/2	389	
43			1839



16/A

4160

3259

3548

4006

SEEDED 3/31/86

NORTH BORDER ~ LBNT
SOUTH BORDER ~ PLOS

21 CB 801

Used in place of
21 (seed amount later)
Do not include
in LSU file

ARK

Few early segs.
Variable heading

DATE	DATE	HT.
HEAD	Hv.	cm.

7/10	8/13	
7/9	8/13	
7/9	8/13	
7/9	8/13	

22

RU8402115

6/24	7/28	85
------	------	----

6/24	7/28	88
------	------	----

SMAR/MARS

6/24	7/28	85
------	------	----

6/24	7/28	87
------	------	----

mgt

23

RU8603023

6/22	7/21	81
------	------	----

6/21	7/21	78
------	------	----

9881/33158//7801067

6/21	7/21	76
------	------	----

6/21	7/21	80
------	------	----

Hv'd A,C (895)
borders

1qt
UHM

24

RU8501142

6/24	7/21	92
------	------	----

6/24	7/21	102
------	------	-----

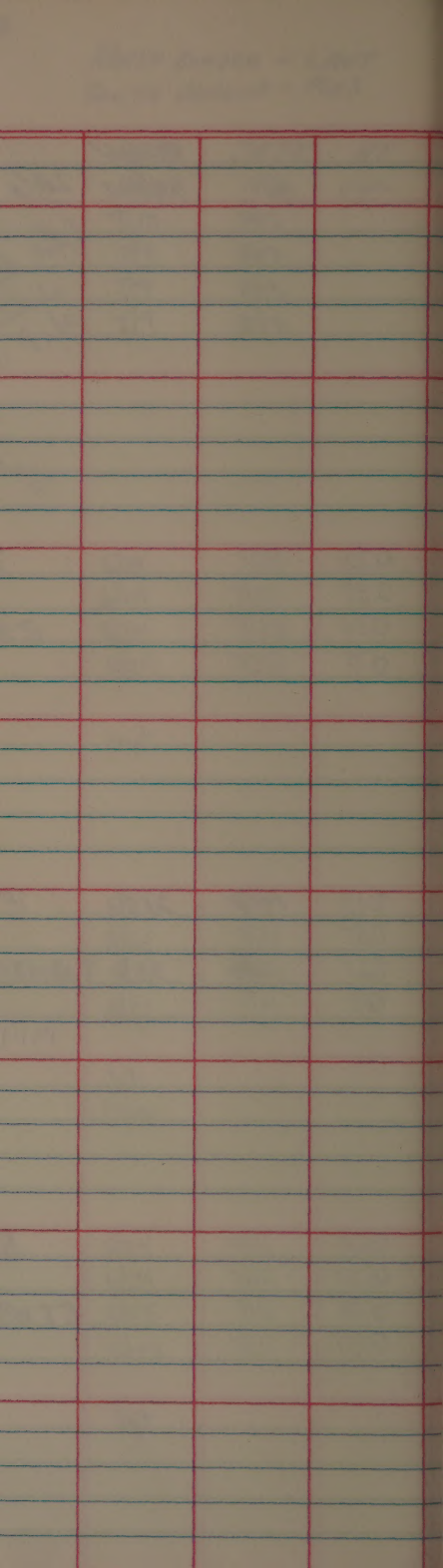
BN73/NT6//BN73

6/25	7/21	101
------	------	-----

6/23	7/21	100
------	------	-----

1qt

[illegible]



16/A

3438

5268

3989

25

RU8502125

6/27

8/1

92

6/28

8/1

91

SMAR/NATO

6/28

8/1

91

6/28

8/1

88

mgt

Rhizoc. ring, I
Variable heading

26

RU8403144

6/24

7/24

80

6/24

7/24

77

9881/331581//SKBT

6/23

7/24

76

6/23

7/24

77

Hv'd B,C
borders

(26)

lgt

Rhizoc. ring, I
Variable heading

27

RU8601027

6/24

7/21

96

6/23

7/21

100

BP87/9902

6/23

7/21

100

6/22

7/21

102

lgt

arrived

28

RU8502028

6/24

7/24

79

6/23

7/24

77

LMNT/NWBT

6/23

7/24

77

6/24

7/24

79

lgt

Off-types

[illegible]

25

RU85021

SMAR/N

Rhizoc. ring

Variable 2

26

RU84031

9881/331581

Hv'd B.C
borders

(26)

Variable 2

Rhizoc. ring

Variable 1

27

RU86010

BP87/990

28

RU85020

LMNT/NW

Off-types?

16/A

4150498642205604

[illegible]

		RATON			16/A
	NO. DATE	GM/LOT	LB/A		
0					
0					
0					
0					
					3148
0					
0					
0					
0					
					4256
0					
0					
0					
0					
					4389
0	10/2	326			
0	10/2	330			
0	10/2	317			
0	10/2	347			
			1696		4832

29

RU86030

Glt. LBNT

l'd c
border

(713)

Leafy

30

RU850112

LBNT/990

31

RU85020

RAT3/LBNT//

wide reg. for
 $\pm \frac{1}{4}$ late

32

RU830316

RXMT

(BR)

16/A

3148425643894832

33

MARS

6/29

8/1

102

6/30

8/1

104

6/29

8/1

107

6/29

8/1

106

105

34

PCOS

6/26

7/28

100

6/25

7/28

98

6/25

7/28

102

6/25

7/28

101

100

35

LEAH

7/1

8/1

100

7/1

8/1

98

7/1

8/1

95

7/1

8/1

95

97

36

LBNT

6/26

7/24

108

6/24 *

7/24

107

6/24 *

7/24

106

6/26

7/24

105

107

* bird feeding

		RATON		16/A
	HU. DATE	GM/PLAT	LG/A	
0	10/2	330		
0	10/2	246		
0	10/2	256		
0	10/2	272		
			1419	3878
0	10/2	411		
0	10/2	379		
0	10/2	414		
0	10/2	430		
			2100	4183
0	10/8	155		
0	10/10	167		
0	10/10	70		
0	10/10	85		
			613	5161
0	10/8	396		
0	10/10	390		
0	10/10	414		
0	10/10	385		
			2037	3698

33

MARS

34

PCOS

35

LEAH

36

LBNT

* bird fe

16/A

3878

4183

5161

3698

SEEDED 3/31/86

NORTH BORDER - BLMT
SOUTH BORDER - 8303181

		DATE HEAD	DATE HV.	HT. cm.
41	RU8401145	6/26	7/25	90
		6/25	7/24	88
	LBNT/9902//LBLE	6/24	7/24	88
		6/24	7/24	89
42	RU8502042	6/24	7/28	80
		6/24	7/28	73
	LMNT/NWBT	6/23	7/28	75
		6/23	7/25	78
	Many tall regule			
43	RU8603043	6/25	7/25	80
		6/24	7/25	75
	9881/331581//SKBT	6/25	7/25	78
		6/24	7/25	76
	Hvd B, c (868) borders			
44	RU8301179	6/28	8/1	108
		6/28	8/1	111
	MARS/325893	6/28	8/1	105
		6/28	8/1	108

41

RU84011

LBNT/9902/

42

RU85020

LMNT/NW

Many tall +

43

RU86030

9881/331581

Hvd B, c
borders

(868

44

RU83011

MARS/325

16/A

4984

6086

5512

3800

81
45

RU8502045

6/25

7/28

83

6/26

7/28

80

NWBT/LMNT

6/24

7/28

78

6/25

7/28

78

46

RU8603046

6/23

7/24

81

6/23

7/21

79

988/331581/7801007

6/22

7/21

81

6/23

7/21

81

Hvd B.C
borders

(801)

more foling (sheet)
dicenno!

47

RU8601047

7/10

8/11

96

7/10

8/11

100

RAT3/LBNT

7/9

8/11

98

7/9

8/11

98

lgt

Early wgt mixtures!
Very good plant

48

RU8502048

6/25

7/24

73

6/24

7/24

74

LMNT/NWBT

6/24

7/24

73

6/24

7/24

74

16/A

0

0

0

0

5966

0

0

0

0

10/15

288

10/15

170

117752485939

0

0

0

0

5206

45

RU85020

NWBT/LM

46

RU86030

988/33158/

H/d B,C
orders

(801)

more foliar
diseases!

47

RU86010

RAT3/LBN

Early wgt w
Very good p

48

RU85020

LMNT/NW

16/A

5966524859395206

49

RU8503049

6/24

7/25

82

6/24

7/24

79

9881/331581//SKBT

6/23

7/25

82

6/24

7/25

79

Hv'd B,C
border

(49)

Very good

1/11M
HFs

50

RU8501096

6/27

8/4

102

6/26

7/30

100

LBNT/STBN

6/25

7/30

100

6/25

7/30

982

51

RU8502051

6/24

7/24

85

6/24

7/24

80

NWBT/LEAH

6/24

7/24

80

6/24

7/24

84

52

RU8503052

6/25

7/25

85

6/24

7/24

80

9881/331581//SKBT

6/24

7/24

78

6/24

7/24

83

Hv'd B,C
borders

(52)

49

RU850301

9881/331581/1

Hvd Bc
border

(49)

Very good

50

RU850109

LBNT/STP

51

RU85020

NWBT/LEAF

52

RU850301

9881/331581/5

Hvd Bc
borders

(52)

16/A

5628495051815169

53

TR02

6/30

8/4

100

7/1

7/30

99

6/30

7/30

97

7/1

7/30

101

99

54

NWBT

7/2

8/11

110

7/2

8/11

103

7/2

8/11

104

7/1

8/11

107

106

55

LMNT

6/29

7/30

84

6/28

7/30

84

6/27

7/30

76

6/28

7/30

85

82

56

GFMT

6/24

7/24

83

6/23

7/21

77

6/23

7/21

80

6/23

7/21

80

80

53

TR02

54

NWBT

55

LMNT

56

GFMT

16/A

5015

3844

5523

5626

SEEDER 3/31/86

NORTH BORDER - BB50
SOUTH BORDER - DLA

61

RU8501061

RAT3/LBNT

DATE

HEAD

DATE

Hv.

HT.

cm.

7/11

8/11

99

7/12

8/11

98

7/12

8/11

100

7/11

8/11

96

Very good plant

62

RU8502062

NWRT/LMNT

6/26

7/28

83

6/25

7/25

80

6/25

7/25

80

6/24

7/25

81

63

RU8503063

9881/331581//7701074

6/26

7/28

83

6/25

7/28

84

6/25

7/28

87

6/25

7/28

88

Hv'd C

(63)

border

64

RU8501064

DAWN/BW73

7/5

8/11

113

7/6

8/11

120

7/6

8/11

115

7/6

8/11

116

16/A

6382

0

0

0

0

5134

0

0

0

0

5310

5175

SEEDER 3/31/86

NORTH BORDER - BB50
SOUTH BORDER - DLLA

61

RU8501061

RAT3/LBNT

Very good plant

DATE

HEAD

7/11

7/12

7/12

7/11

DATE

HV.

8/11

8/11

8/11

8/11

HT.

cm.

99

98

100

96

62

RU8502062

NWAT/LMNT

6/26

6/25

6/25

6/24

7/28

7/25

7/25

7/25

83

80

80

81

63

RU8503063

9881/331581//7701074

6/26

6/25

6/25

6/25

7/28

7/28

7/28

7/28

83

84

87

88

Hv'd C
border

(63)

16/A

63820
0
0
051340
0
0
05310

65

RU8502065

6/27

7/30

94

6/26

7/30

94

NWBT/LEAH

6/26

7/30

95

6/26

7/30

91

tall seg.

66

RU8503066

6/25

7/25

78

6/25

7/25

80

9881/331581//SKBT

6/25

7/25

78

6/25

7/25

85

Hvd C
border

(66)

67

RU8401167

7/5

8/13

112

7/6

8/13

111

DAWN/BW73

7/5

8/13

117

7/4

8/13

112

68

RU8502068

6/28

8/1

82

6/29

8/1

84

NWBT/LMNT

6/28

8/1

80

6/28

8/1

82

variable met.

16/A

0
0
0
057950
0
0
0540150545397

65

RU85020

NWBT/LEI

tall sup.

66

RU8503

9881/391581

dv'd c
border

(667)

67

RU84011

DAWN/BI

68

RU8502

NWBT/LN

variable

16/A

5795540150545397

69	RU8503069	6/24	7/25	80
		6/24	7/25	77
H/d C	9881/331581//SKBT	6/24	7/25	76
border	(69)	6/23	7/25	77
	Some tell tales			
	Very good			
70	RU8301170	7/6	8/13	114
		7/6	8/13	113
	DAWN/BN73	7/6	8/13	114
		7/6	8/13	120
71	RU8502071	7/4	8/11	96
		7/4	8/11	94
	NWBT/LMNT	7/4	8/11	99
		7/4	8/11	97
72	RU8503075	6/24	7/25	86
		6/24	7/25	86
	9881/331581//SKBT	6/24	7/25	85
		6/24	7/25	86
H/d C	(75)			
border				
	Very good			

16/A

0
0
0
0

5401

4673

5735

0
0
0
0

5795

69

RU85030

9881/331581//

Hvd C
border

(69)

Some tell tog
Very good

70

RU830117

DAWN/BN

71

RU85020

NWBT/LM

72

RU85030

9881/331581//

Hvd C
border

(75)

Very good

16/A

5401467357355795

73

RU8501197

6/28

8/1

99

6/27

8/1

104

BP87/9902

6/27

8/1

98

6/27

8/1

100

74

RU8502074

7/8

8/13

92

7/8

8/13

94

NWBT/LMNT

7/9

8/13

96

7/8

8/13

97

Some early segs!

75

RICO 1

6/30

8/15

104

6/30

8/15

104

6/30

8/15

105

6/30

8/15

103

104

76

STBN

7/10

8/13

121

7/9

8/13

121

7/9

8/13

120

7/9

8/13

122

16/A

5464

6062

5919

4133

73

RU850119

BP87/990

74

RU85020

NWBT/LM

Some early

75

RICO 1

76

STBN

16/A

5464

6062

5919

4133

SEEDED 4/1/86

NORTH BORDER - BLPT
SOUTH BORDER - VSTA

		DATE HEAD	DATE HV.	HT. cm.
81	RU8401087	6/23	7/17	117
	DW22/BP87	6/23	7/17	116
82	RU8502082	6/24	7/24	103
	STRN X ₂	6/25	7/28	100
83	RU8203085	6/24	7/24	80
	NWRX/BLMT	6/24	7/24	79
	(83)			
	Off-types Too leafy? generally poorer			
84	RU8601084	6/24	7/24	109
	LBNT/9957	6/24	7/24	105

16/A

0

0

4052

0

0

3846

1

0

0

5012

0

0

4949

SEEDED

81

RU84011

DW22/B

82

RU85021

STRN X:

83

RU82031

NWRX/B

(83)

Off-types
Too leafy?
poorer

84

RU86010

LBNT/99

16/A

4052

3846

5012

4949

85

RU8502085

6/25

7/28

83

6/25

7/28

84

L201/LMNT

Quite variable
leafy; root

RU8503086

6/21

7/17

103

6/20

7/17

105

86

SKBT/1402003

(86)

N_m

87

RU8501087

6/25

7/24

103

6/25

7/24

103

BP87/9902

tall, early segs!
Highly variable

88

RU8502088

6/25

7/28

75

6/26

7/28

79

L201/LMNT

Early segs!
Variable

16/A

0

0

3836

0

0

4216

0

0

4708

0

0

4839

85

RU85020

L201/LMA

Quite var
leafy; good

RU85030

86

SKBT/140

(86)

87

RU85010

BP87/990

tall, early
Highly var

88

RU85020

L201/LMA

Early age
Variable

16/A

3836

4216

4708

4839

89

RU8603089

6/24

7/24

82

6/24

7/21

78

9881/331581//SKBT

(674)

90

RU8601090

6/23

7/17

110

6/21

7/17

110

LBNT/STBN

91

RU8602091

6/23

7/24

82

6/23

7/24

80

NWBT/LMNT

92

RU8503092

6/26

7/24

94

6/24

7/21

85

9881/331581//SKBT

(92)

16/A

0

0

5247

0

0

4090

0

0

4900

0

0

4596

89

RU860308

9881/331581//

(674)

90

RU860109

LBNT/STB

91

RU860209

NWBT/LM

92

RU850308

9881/331581//

(92)

16/A

5247409049004596

93

RU8601093

6/20

7/21

86

6/19

7/21

84

CA82420

94

RU8502005

6/23

7/24

79

6/23

7/24

75

M101/LBLE # 2

Highly variable

95

RU8603095

6/25

7/25

80

6/25

7/21

80

9881/331581 // SKAT

(314)

96

RU8601096

6/23

7/17

110

6/23

7/17

114

STON/LBNT

16/A

4548463051654566

93

RU860100

CA82420

94

RU85020

MID1/LBLE*

Highly varied

95

RU860309

9881/331581/

(314)

96

RU860100

STON/LB

16/A

4548

4630

5165

4566

97

RU8502097

6/29

7/30

90

6/28

7/30

84

SMAR/MARS

98

RU8603098

6/24

7/21

98

6/24

7/21

96

9881/331581//7801007

(690)

Ns

99

RU8601099

6/21

7/17

90

6/20

7/17

90

V6DW/STTD

lgt

100

RU8502008

6/23

7/24

83

6/23

7/21

81

M101/LBLE *2

highly visible

16/A

0

0

4828

0

0

4359

0

0

3784

0

0

4797

97

RU85020

SMAR/MI

98

RU86030

9881/331581

(690)

99

RU86010

V6DW/ST

100

RU85020

MI01/LBL

highly ~

16/A

4828

4359

3784

4797

101

RU8603101

6/24

7/21

80

6/24

7/21

79

9881/331581//SKBT

(682)

rel. VHM

102

RU8601102

6/24

7/21

97

6/24

7/21

97

LBNT/9902

103

RU8502011

6/25

7/28

87

6/25

7/28

86

SMAR/MARS

tall sup

104

RU8603104

6/26

7/28

84

6/26

7/28

80

9881/331581//SKBT

(323)

16/A

0

0

4392

0

0

4363

0

0

4445

0

0

4911

101

RU86031

9881/331581,

(682)

102

RU860110

LBNT/9907

103

RU85020

SMAR/M

Tall rega

104

RU860311

9881/331581

(323)

16/A

4392436344454911

105

RU8601105

6/23

7/21

93

6/22

7/21

94

7801067/SKBT

Rep I essentially
destroyed with nests!

106

RU8502106

6/25

7/28

94

6/25

7/28

94

SMAR/MARS

107

RU8603107

6/22

7/17

99

6/23

7/17

94

SKBT/1402003

(707)

N

108

RU8501108

6/25

7/21

96

6/24

7/21

99

BP87/9902

16/A

0

0

3354

0

0

3740

0

0

4532

0

0

4424

105

RU8601105

7801067/SKR

*Rep I essential
destroyed with*

106

RU850210

SMAR/MAR

107

RU860310

SKBT/14020

(707)

108

RU8501108

BP87/990

16/A

3354

3740

4532

4424

109

RU8602109

6/24

7/28

84

6/23

7/28

82

CAM9/MARS

110

RU8503110

6/19

7/17

85

6/20

7/17

84

SKBT/7802003

(110)

111

RU8601111

6/25

7/24

85

6/25

7/24

85

LBNT/9902//LBLE

Leafy; fruit

112

RU8602112

6/24

7/21

70

6/24

7/21

74

LBNT/9881/331551/3/

Bulk TTEP

Many early falls!!
Highly variable

16/A

0
0

4230

0
0

4348

0
0

3940

0
0

5011

109

RU86021

CAM9/M

110

RU85031

SKBT/780

(110)

111

RU860111

LBNT/9902

Leafy; green

112

RU8602112

LBNT/9881/3

Bulk TTF

*Many early t
Highly vari*

16/A

4230434839405011

113

RU8603113

6/24

7/21

85

6/24

7/21

84

9881/331581//L201

(738)

114

RU8601114

6/23

7/17

107

6/22

7/17

107

STBN/LBNT

115

RU8602115

6/24

7/21

71

6/23

7/21

77

LMNT/LEAH

Variable! Lato
camp.

116

RU8603116

6/24

7/21

83

6/24

7/21

82

9881/331581//7801007

(311)

16/A

0
0

46480
0

39800
0

47680
0

5402

113

RU86031

9881/331581

(738

114

RU86011

STBN/LBN

115

RU86021

LMNT/LE

Variable!
avg.

116

RU86031

9881/33158

(311

16/A

4648

3980

4768

5402

117

M201

6/18

7/24

85

6/18

7/24

81

118

Namsing II

6/26

7/28

89

6/26

7/28

90

119

L202

6/25

7/24

81

6/24

7/21

80

120

S201

6/25

8/4

93

6/25

8/4

94

16/A

0

0

5346

0

0

6210

0

0

5026

5300

117

M201

118

Nansing

119

L202

120

S201

16/A

5346

6210

5026

5300

SEEDED 4/1/86

NORTH BORDER - NWRX
SOUTH BORDER - MARS

		DATE HEAD	DATE HV.	HT. cm.
121	RU8601121 LBNT/9902	6/24 6/24	7/24 7/22	92 93
	mgt rogers			
122	RU8602112 SLBL/LEAH	7/1 7/1	8/4 8/4	97 96
123	RU8403123 9881/331581//L201 (123)	6/25 6/24	7/25 7/24	79 80
		UHM		
124	1501082/TTEP// STBN	6/30 6/30	8/4 8/4	108 111

16/A

0

0

4644

4894

0

0

5161

3408

SEEDED 4/

121

RU8601121

LBNT/9902

myt + sugar

122

RU8602117

SLBL/LEA

123

RU840312

9881/331581//

(123)

124

1501082/TTI

STBN

16/A

4644

4894

5161

3408

125

RU8602125

6/26

8/1

79

6/25

8/1

83

LMNT/LEAH

Variable;

126

RU8403126

6/25

7/25

76

6/24

7/24

74

9881/331581//SKBT

(126)

127

RU8501194

6/27

7/24

106

6/28

7/25

107

STBN/LBNT

128

RU8502128

6/28

8/1

92

6/25

7/28

87

RAT3/LBNT//NWBT

16/A

0

0

5281

0

0

5536

0

0

4112

0

0

4494

125

RU86021

LMNT/LEF

Variable;

126

RU84031

9881/331581

(126)

127

RU85011

STBN/LBN

128

RU85021

RAT3/LBNT

16/A

5281

5536

4112

4494

129

RU8603129

6/25

7/25

82

6/25

7/24

80

9881/331581//T402003

(361)

tall rogues

130

RU8601130

6/27

7/30

112

6/25

8/10

103

STBN/LBNT

131

RU8602131

6/26

7/28

87

6/25

7/24

80

NWBT/LMNT

132

RU8503132

6/26

7/30

79

6/24

7/24

75

9881/331581//SKBT

(132)

Umm

16/A

0

0

5200

0

0

3768

0

0

5069

0

0

5342

129

RU86031

9881/331581//

(361)

tall rogues

130

RU860113

STBN/LBN

131

RU86021

NWBT/LM

132

RU850313

9881/331581

(132)

1b/A

5200

3768

5069

5342

133

RU8601133

6/27

7/30

102

6/25

7/24

102

LBNT/9902

134

RU8602134

6/27

7/30

81

6/25

7/28

81

NWBT/LMNT

Highly variable

135

RU8503135

6/26

7/25

90

6/24

7/25

83

9881/331581//SKBT

(14197-200)

136

RU860213

6/25

7/24

90

6/24

7/24

91

BP87/9902

16/A

0
0

5057

0

5530

0
0

5755

0
0

5528

133

RU860113

LBNT/990

134

RU86021

NWBT/LM

Highly vari

135

RU85031

9881/331581

(14197-2

136

RU86021

BP87/990

16/A

5057

5530

5755

5528

137

RU 850 2137

6/25

7/25

85

6/24

7/24

85

8003050/BOND

138

RU 850 3138

6/29

8/1

81

6/26

7/28

78

9881/331581//7801067

(138)

UHM

139

RU 850 1139

7/2

8/7

111

7/2

8/4

108

9680/9841

140

RU 850 2140

6/25

7/28

81

6/23

7/24

83

8003050/BOND

16/A

0

0

5175

0

0

5852

3905

0

0

5623

137

RU 850 217

800 3050 / 13

138

RU 850 317

9881 / 331581 //

(138)

139

RU 850 113

9680 / 9841

140

RU 850 214

800 3050 / 130

16/A

5175

5852

3905

5623

141

RU8603141

6/24

7/24

71

6/23

7/22

79

9881/331581/SKBT

(676)

UHM

Good but too short?

142

RU8601142

6/28

8/1

99

6/27

7/30

96

BP87/9902

143

RU8602143

6/26

8/4

82

6/26

8/1

78

NWBT/LMWT

Variable loading

144

RU8603144

6/23

7/22

84

6/23

7/24

81

NWRX/BLMT

BT742-BK-156-3-4-HA

(1984/HR)

16/A

0

0

5192

0

0

4892

4576

0

0

5642

141

RU86031

9881/331581

(676)

Good last two

142

RU860111

BP87/990

143

RU860211

NWBT/LML

Variable Aug

144

RU860311

NWRX/BL

BT74A2-BK-1

(1984/H

16/A

5192

4892

4576

5642

145

RU8601145

6/27

8/1

100

6/27

8/1

108

LBNT/STBN

146

RU8502146

6/25

7/28

85

6/24

7/28

83

8003050/BOND

Many tall rogers
Some Police Division
(smut).

147

RU8403147

6/23

7/24

83

6/22

7/24

81

9881/331581//SKBT

(147)

148

RU8601148

7/1

8/14

118

6/27

8/1

109

RAT3/LBNT

16/A

4146

0

0

4476

0

0

5198

4962

145

RU860114

LBNT/ST

146

RU85021

8003050/F

Many till
Some foliation
(sandy).

147

RU84031

9881/331581

(147)

148

RU860114

RA73/LB

16/A

4146

4476

5198

4962

149

RU8502149

6/25

7/24

80

6/25

7/25

74

L201/LMNT

150

RU8503150

6/24

7/22

80

6/23

7/22

76

9881/331581//780100T

(150)

151

RU8601151

6/26

7/24

103

6/25

7/24

103

LBNT/9902

152

RU8502152

6/25

8/1

95

6/24

7/30

85

NWBT/LEAH

highly variable
mgt & lgt
more mgt than lgt

16/A

4752

5263

4094

4808

149

RU85021

L201/LM1

150

RU85031

9881/331581

(150)

151

RU860115

LBNT/990

152

RU85021

NWBT/LE

highly note
mgs & S
more mgs t

16/A

4752

5263

4094

4808

153

RU8503153

6/24

7/25

84

6/23

7/24

83

SKBT/7802003

(153)

Variable lt.

Drop!

154

RU8601154

6/29

8/1

109

6/26

8/1

95

BPBT/9902

155

RU8502186

7/3

8/7

105

7/3

8/7

105

DLAX₂Variable; tall sterile
segs!

156

RU8503156

6/21

7/22

76

6/21

7/22

79

9881/331581//L201

(156)

Very clear leaves

0
0

16/A

5046

4742

4316

0
0

5466

153

RU850315

SEBT/7802

(153)

Variable ht.

Drop!

154

RU860115

BPBT/9902

155

RU85021

DLLA X₂

Variable; tall
segs.

156

RU850315

9881/331581/

(156)

Very clean le

1b/A

5046474243165466

157

NATO

7/2

8/4

133

7/2

8/4

125

Some level feeding, II

158

NWRX

6/25

7/28

103

6/23

7/24

106

*Variable**Many till next sterile.*

159

DLLA

7/7

8/11

126

7/3

8/7

125

160

BRAZ

6/28

8/11

110

6/28

8/7

110

16/A

2748

0

0

4156

0

0

3916

0

0

4926

157

NATO

Severe level

158

NWRX

Variable

Many tell me

159

DLLA

160

BRAZ

16/A

2748

4156

3916

4926

SEEDED 4/1/86

NORTH BORDER - DAWN
SOUTH BORDER - BRAZ

		DATE	DATE	HT
		HEAD	Hv.	Can.
161	RU8601161	7/2	8/7	104
		7/2	8/7	102
	STBN/ZADT//BN13			
162	RU8602162	6/26	7/28	71
		6/25	7/28	69
	NWBT/LMNT			
	Same leaf amt.			
163	RU8403163	6/26	7/25	74
		6/26	7/25	69
	9881/331581//L201			
	(163)			
	poorer expression?			
164	RU8601164	7/4	8/7	114
		7/2	8/7	115
	BP8T/DW22			

16/A

5088

5086

5904

4387

165	RU8602165	7/3 7/4	8/4 8/7	98 94
	NWBT/LEAH			
166	RU8603166	6/25 6/24	7/25 7/24	79 72
	9881/331581//SKBT			
	(326)			
167	RU8601167	6/27 6/26	8/1 8/1	107 103
	LBNT/9957			
	Tall early segs!			
168	RU8502168	6/30 6/28	7/30 7/30	77 76
	LBNT X ₂			
	Colorless apical!			

16/A

4821

5084

5160

5284

169

RU8503169

6/24

7/25

82

6/23

7/25

80

9881/331581//SKBT

(169)

170

RU8601170

6/29

7/30

98

6/30

7/30

89

LBNT/9902

171

RU8502171

6/26

7/28

82

6/27

7/28

81

LBNT X₂

172

RU8403172

6/28

7/30

82

6/26

7/28

75

9881/331581//SKBT

(172)

Some tell app.

16/A

0

0

5108

0

0

5201

0

0

4504

0

0

5629

173

RU8501173

7/11

8/11

97

7/12

8/11

95

RAT3/LBNT

174

RU8602174

7/4

8/7

88

7/4

8/7

87

NWBT/LEAH

WTM

175

RU8603175

6/27

7/30

82

6/26

7/28

84

9881/331581//SKBT

(786)

Very good
nest

UHM

176

RU8601176

7/12

8/11

96

7/12

8/11

95

RAT3/LBNT

Excellent plant

16/A

5834578759465772

177

RU8602177

6/26

7/30

76

6/24

7/30

72

LMNT/LEAH

Variable

178

RU8503178

6/26

7/25

78

6/25

7/25

74

9881/331581/L201

(178)

179

RU8601179

6/28

7/25

107

6/27

7/25

100

BT22/STTT/LBNT

180

RU8602180

7/9

8/13

97

7/9

8/13

97

NWBT/LEAH

Early exp!

16/A

0

0

5329

0

0

5894

0

0

3552

5594

181

RU8603181

6/26

7/25

78

6/26

7/25

78

9881/331581//SKBT

(870)

182

RU8601182

6/25

7/25

101

6/25

7/24

102

STBN/LBNT

183

RU8602183

6/30

8/7

90

6/30

8/7

92

RA73/L201

16/A

0

0

5025

0

0

31035216

107

106

B722/STTT

18

76

LMNT / NWBT

90

88

9881/331581//L201

(312)

104

110

STBN	STTD
------	------

WT₅

16/A

5356

0

0

5314

0

0

51683622

189

RU8602189

7/20

8/29

7/20

8/29

1711 X₂

Variable heading

190

RU8603190

6/24

7/22

97

6/24

7/22

92

SKBT/L201

(5T2)

Small pm; poorer
often poor exertion!

N

HF

191

RU8601191

7/9

8/7

105

7/9

8/7

105

9902/STBN

Early sup

192

1711 X₂

7/15

8/29

7/15

8/29

variable heading

16/A

48480
0394652444748

193				
	RU8603193	6/25	7/24	92
	9881/331581/L201	6/25	7/24	90
	(741)			
194	RU8601194	6/27	7/25	103
	STBN/LBNT	6/26	7/24	100
195	RU8602195	7/3	8/4	99
	IRGA-409	7/2	8/4	102
196	RU8503196	6/26	7/30	82
	DAWN/331581	6/24	7/25	80
	(196)			

16/A

0

0

4886

0

0

36686062

0

0

4850

98

126

103

107

16/A

0

0

4596

5304

9106

4402

301	C642A-25-5-5 -2-1	6/23 6/22 6/23 6/23 ^L	7/21 7/21 7/21 7/21	84 84 85 84
Hv'd C border	(8642)			
	Very good Rhizoc. spot			
302	C612A-21-3-3-BK	6/21 6/21 6/21 6/21	7/17 7/17 7/17 7/17	83 81 82 84
Hv'd B border	(518)			
	Very good			
303	C612A-11-2-3-1	6/21 6/20 6/20 6/19	7/17 7/17 7/17 7/17	79 76 74 74
Hv'd B border	(524)			
	Very good			
304	C622A-BK-16-5-1 -3-BK	6/17 6/17 6/17 6/17	7/17 7/17 7/17 7/17	85 88 84 85
	(6259-61)			
	Nest damage II bird feeding!! Excretion..			

	←	RATOON	→	2/plot	16/A
	NO DATE	GM/PLAT	LB/A		
0	10/8	467			
0	10/8	456			
0	10/8	413			
0	10/2	<u>292</u>			
		407	2092		4249
0	10/2	488			
0	10/2	450			
0	10/2	485			
0	10/2	<u>460</u>			
		471	2420		4402
0	10/2	538			
0	10/2	590			
0	10/2	454			
0	10/2	<u>497</u>			
		520	2672		5185
0	10/2	464			
0	10/2	510			
0	10/2	400			
0	10/2	<u>457</u>			
		458			4417
			2353		

301

C642A-25
-2-1Hvd C
border

(8642)

Very good
Rhizoc. spot

302

C612A-21-?

Hvd B
border

(518)

Very good

303

C612A-11-

Hvd B
border

(524)

Very good

304

C622A-BK-
-3-BK

(6259-61)

Nest damage
bird feeding
Excursion

$\frac{\%}{W/T}$

3/plot

16/A

 $\frac{47.0}{69.7}$

4249

 $\frac{49.2}{69.7}$

4402

 $\frac{54.4}{68.5}$

5185

 $\frac{60.3}{71.1}$

4417

305

C615A-25
-2Hvd B
border

(11159)

Good wife

306

C623A-B
-BkHvd B
border

(10162-6)

Good; and
bird feeding

311-314

311

C623A-Brg-285
-Br

6/20

7/21

101

6/20

7/21

98

6/20

7/21

95

Hvd B
border

6/20

7/21

96

(10168-70)

N

Fair

312

C615A-23-2-4-3
-Br

6/24

7/24

73

6/23

7/24

72

6/23

7/24

71

6/23

7/24

70

Hvd A, B
borders

(11147-51)

Very good

UHM

313

C622A-10-2-5-1
-4

6/21

7/22

93

6/21

7/22

92

6/21

7/22

90

Hvd B
border

6/21

7/22

90

(6420)

UHM

314

C610A-65-1-5
-5-3

6/24

7/24

86

6/23

7/22

84

6/23

7/22

80

6/22

7/22

82

Hvd A, B
borders

(14191)

Very good

UHM

311

C623A-B
-BkHv'd B
border

(10168-7)

312

C615A-23-
-BkHv'd A, B
borders

(11147-

Very good

313

C622A-10
-4Hv'd B
border

(6420)

314

C610A-65
-5-3Hv'd A, B
borders

(14191)

Very good

$\frac{0}{w/T}$

g/plot

lb/A

 $\frac{55.4}{12.7}$

4581

 $\frac{53.3}{12.4}$

5965

 $\frac{55.4}{10.9}$

5208

 $\frac{61.2}{10.9}$

5513

315

C642A-Bky-145

6/23

7/22

87

6/23

7/22

89

6/22

7/22

85

6/21

7/22

84

Hv'd A,B
borders

(803)

Very good

316

C609A-Bk-58-1-1

6/24

7/24

82

-5-Bk

6/22

7/24

79

6/22

7/24

79

6/22

7/24

77

Hv'd A,B
borders

(10796-97)

Very good

315

C642A-B

Hv'd A,B
borders

(803)

Very good

316

C609A-B
-5-B

Hv'd A,B
borders

(10796-

Very good

321	C611A-52-3-5-4	6/24	7/28	74
		6/24	7/28	75
		6/24	7/28	74
Hv'd B border	(742)	6/24	7/28	75
	Early taller segs Poor expression Productive??	Ds		
322	C622A-Bk-60-3	6/22	7/22	110
	-4-Bk	6/22	7/22	110
		6/22	7/22	107
		6/21	7/22	107
Hv'd B border	(759)			
		Nm Poor?		
323	C623A-Bk-24-2	6/25	7/24	99
	-5-1-Bk	6/24	7/24	97
		6/24	7/24	94
		6/25	7/24	98
Hv'd B border	(9363-67)			
324	C611A-Bk-20-2-1	6/24	7/24	79
	-Bk	6/23	7/24	74
		6/24	7/24	71
Hv'd B border	(827)	6/24	7/24	76
	poorer expression Small panicles			

321

C611A-52-

Hv'd B
border

(742)

Early taller
Poor exposure
Productive

322

C622A-B
-4-BK

Hv'd B
border

(759)

323

C623A-F
-5-1-BK

Hv'd B
border

(9363-

324

C611A-BK
-BK

Hv'd B
border

(827)

poorer exp
Small pos

325

C611A-31-3-S-5

6/24

7/24

86

6/24

7/24

86

6/25

7/24

83

6/24

7/24

91

Hv'd B

(833)

border

326

C622A-BK5-50

6/25

7/25

98

-BK

6/24

7/25

102

6/24

7/24

103

6/24

7/24

106

(6657-59)

Hv'd B

border

N

325

CG11A-37-

Hv'd B
border

(833)

326

CG22A-B
-Br

Hv'd B
border

(6657-9)

%
w/T

g/plot

lb/A

54.1/68.8

4473

63.9/71.2

5502

331

C610A-98-2-4-3
-4

6/24

7/25

85

6/23

7/25

85

6/23

7/25

82

6/23

7/25

83

Hv'd C
border

(14241)

332

C610A-68-2-4-1
-Bk

6/24

7/25

85

6/23

7/25

83

6/23

7/25

81

6/23

7/25

84

Hv'd B
border

(14202-06)

333

B8131A4-Bk-151
-4-8

7/5

8/7

92

7/5

8/7

87

7/5

8/7

89

7/4

8/7

91

Hv'd C
border

(2940)

Riz. (4)

Some early seps!

334

B8131A4-Bk-153
-2

6/29

8/1

92

6/27

7/30

87

6/26

7/30

87

6/25

7/30

84

Hv'd B
border

(932)

Some lt. m.

3/plot

16/A

0
0
0
0

5379

0
0
0
0

5328

0
0
0
0

5872

0
0
0
0

4799

331

C610A-98-
-4

Hvd C
border

(14241)

332

C610A-68
-BK

Hvd B
border

(14202-)

333

B8131A4-BK
-4-8

Hvd C
border

(2940)

Some entry

334

B8131A4-BK
-2

Hvd B
border

(932)

Some ht.

%
w/T

g/plot

lb/A

56.2/71.9

5379

60.1/71.9

5328

56.1/70.8

5872

44.6/71.5

4799

335

C610A-61-4-5-2
-BK

6/24

7/25

84

6/23

7/25

83

6/23

7/25

83

6/23

7/25

85

Hvd C
border

(14156-60)

336

C642A-BK4-6-BK

6/28

7/30

88

6/25

7/25

84

6/25

7/25

84

6/25

7/25

82

Hvd B
backer

(8753-55)

g/plot 16/A

0

0

0

0

5563

0

0

0

0

5725

335

C610A-61
-BKHvd C
border

(14156-

336

C642A-B

Hvd B
border

(8753-

341	C615A-87-9-1 -BK	6/26 6/24	7/24 7/24	84 83
Hv'd A border	(11293-95)			
342	C609A-43-1-S-5 -BK	6/24 6/21	7/21 7/21	81 84
Hv'd A border	(10883-85)			
	Very good	UHM		
343	AS84-2862	6/19 6/18	7/17 7/17	98 96
	(ASC)			
		14t		
344	AS84-6383	6/18 6/18	7/17 7/17	100 99
	(ASC)			
		mg+		

351

CLIDA-29-8-4-2
-Bk

6/26
6/26

7/28
7/24

77
79

Hv'd A
border

(14030-34)

Very uniform; nest
very good

352

CLIDA-27-3-1-2
-Bk

6/26
6/23

7/28
7/21

79
77

Hv'd A
border

(10868-70)

353

86AS2058

6/22
6/22

7/24
7/24

110
107

(ASC)

1gt

354

85AS3058

6/25
6/25

8/1
8/1

102
100

(ASC)

mg

	% w/T	g/plot	H ₀ /A
0 0	61.9/72.0		5446
0 0	59.5/71.6		5022
0 0	56.6/72.5		3320
0 0	60.5/71.0		4685

361

CB801

7/8

8/7

84

7/8

8/7

81

(952)

more variable;
golden? talk

362

C622A-BK-17-1
-4-1

6/26

7/30

100

6/25 *

7/28

98

Hvd A
border

(755)

bird feeding

363

B7725A1-26-3-5
-2

6/23

7/24

80

6/23

7/24

78

Hvd A
border

(849)

364

B7725A1-BK-
-2

6/23

7/22

77

6/23 *

7/22

76

Hvd A
border

(852)

* bird feeding

gold
Umm

[illegible]

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

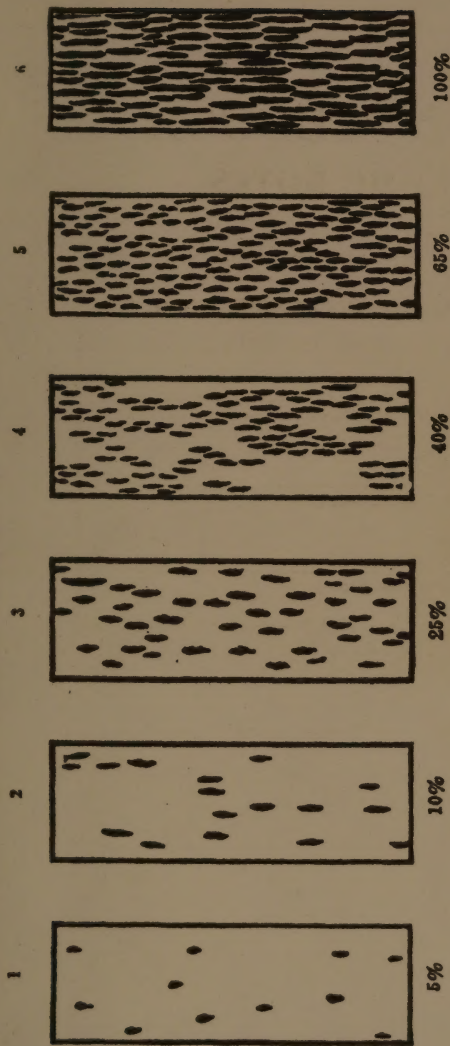
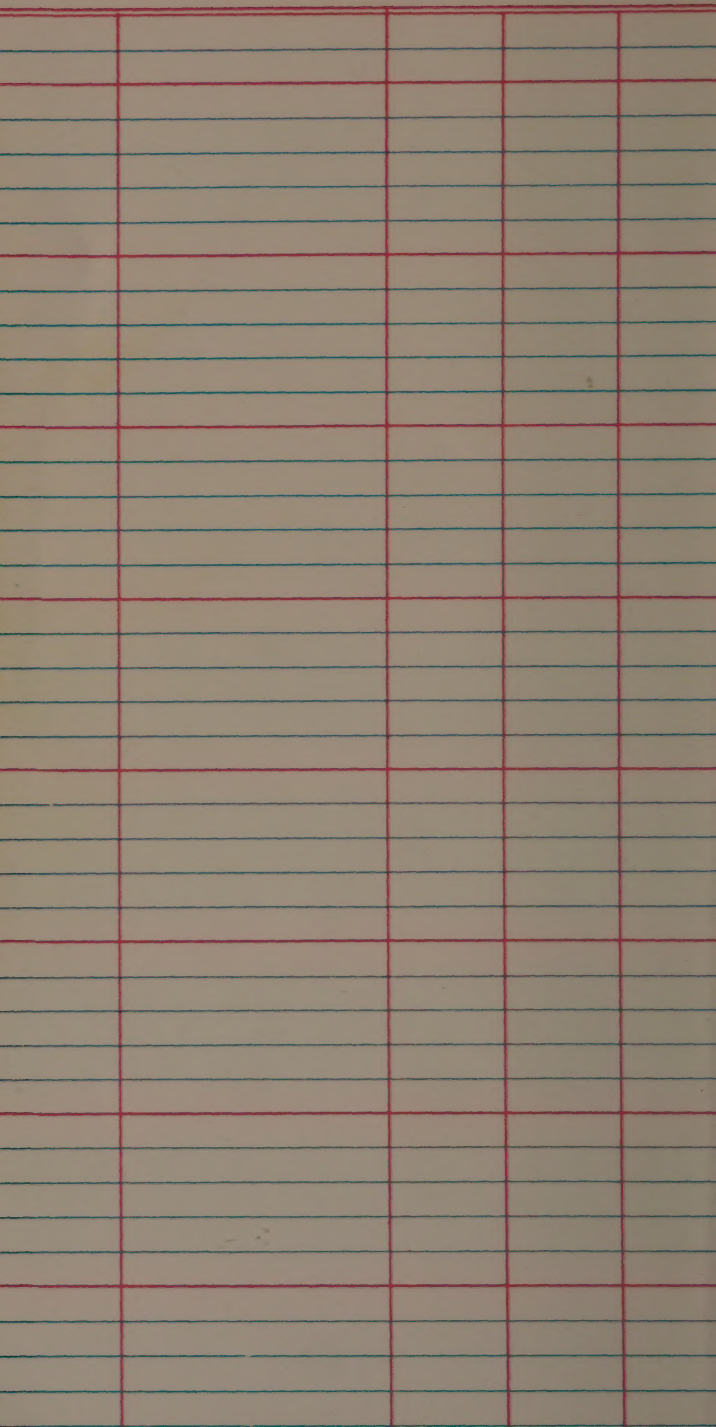
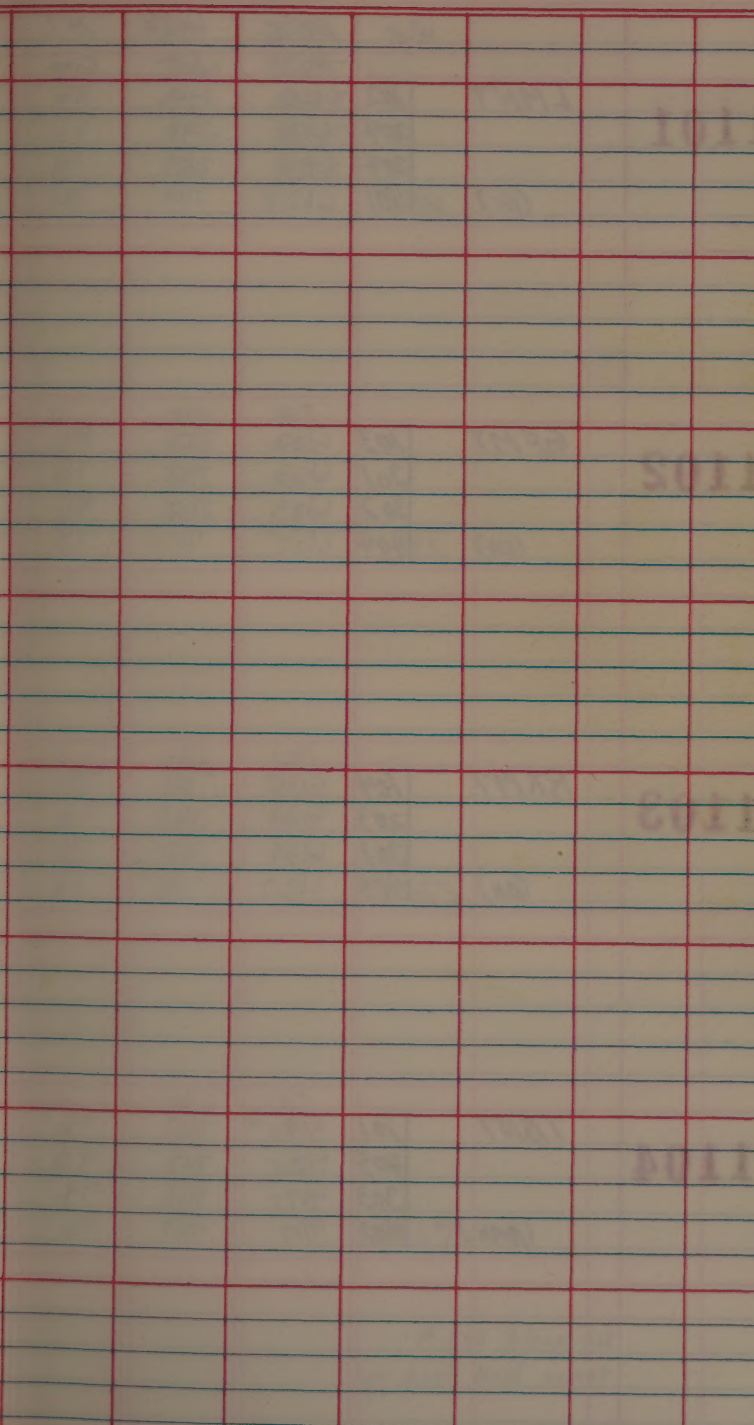


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust, as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





SEEDED 4/2/86
S3, 27E

Hurricane Bonnie
hit on 6/26; wind
damage to newly emerging
panicles.

			DATE	DATE	HT.
			HEAD	Hv.	cm.
1101	LMNT	102	6/30	7/29	85
		204	6/28	7/29	77
		304	6/28	7/29	76
	(BR)	401	6/29	7/29	80
1102	GFMT	103	6/22	7/22	80
		201	6/23	7/22	78
		302	6/23	7/22	81
	(BR)	404	6/22	7/22	78
1103	RXMT	104	6/20	7/21	78
		203	6/21	7/21	77
		301	6/21	7/21	78
	(BR)	405	6/20	7/21	76
1104	TBNT	101	6/19 *	7/17	96
		205	6/17	7/17	93
		303	6/17	7/17	94
	(ARK.)	402	6/17	7/17	96
No yield rep A; severe bird feeding					

RA Team

40.

9/16/1

16/A

0 11/10 645

0 10/27 1033

0 10/27 888

0 11/10 851

2

2195

0 10/20 807

0 10/20 976

0 10/20 949

0 10/20 685

2195

0 10/20 600

0 10/20 476

0 10/20 521

0 10/20 509

1353

0 10/20 697

0 10/20 874

0 10/20 762

0 10/20 775

1997

1105

NWBT

105

7/1

8/7

109

202

7/1

8/7

112

305

7/1

8/7

111

(ANK.)

403

7/1

8/7

112

SEEDED 5/9/86
S3, 2E

			DATE	DATE	HT.
			HEAD	HV.	cm
1106	LMNT	104	7/25	8/25	78
		201	7/26	8/25	79
		303	7/26	8/25	79
		402	7/26	8/25	80

1107	GFMT	103	7/22	8/25	83
		205	7/22	8/25	80
		301	7/23	8/25	81
		404	7/22	8/25	84

1108	RXMT	101	7/23	8/25	79
		204	7/23	8/25	77
		302	7/24	8/25	79
		405	7/23	8/25	76

1109	TBNT	105	7/17	8/20	113
		202	7/18	8/20	116
		304	7/19	8/20	111
		403	7/17	8/20	113

Year	Month	Day	Time	Location	Notes
1991	Jan	15	10:00	1000	1000
1991	Jan	16	10:00	1000	1000
1991	Jan	17	10:00	1000	1000
1991	Jan	18	10:00	1000	1000

1110

NWBT

102	8/1	9/3	104
203	8/1	9/3	104
305	8/1	9/3	104
401	8/1	9/3	105

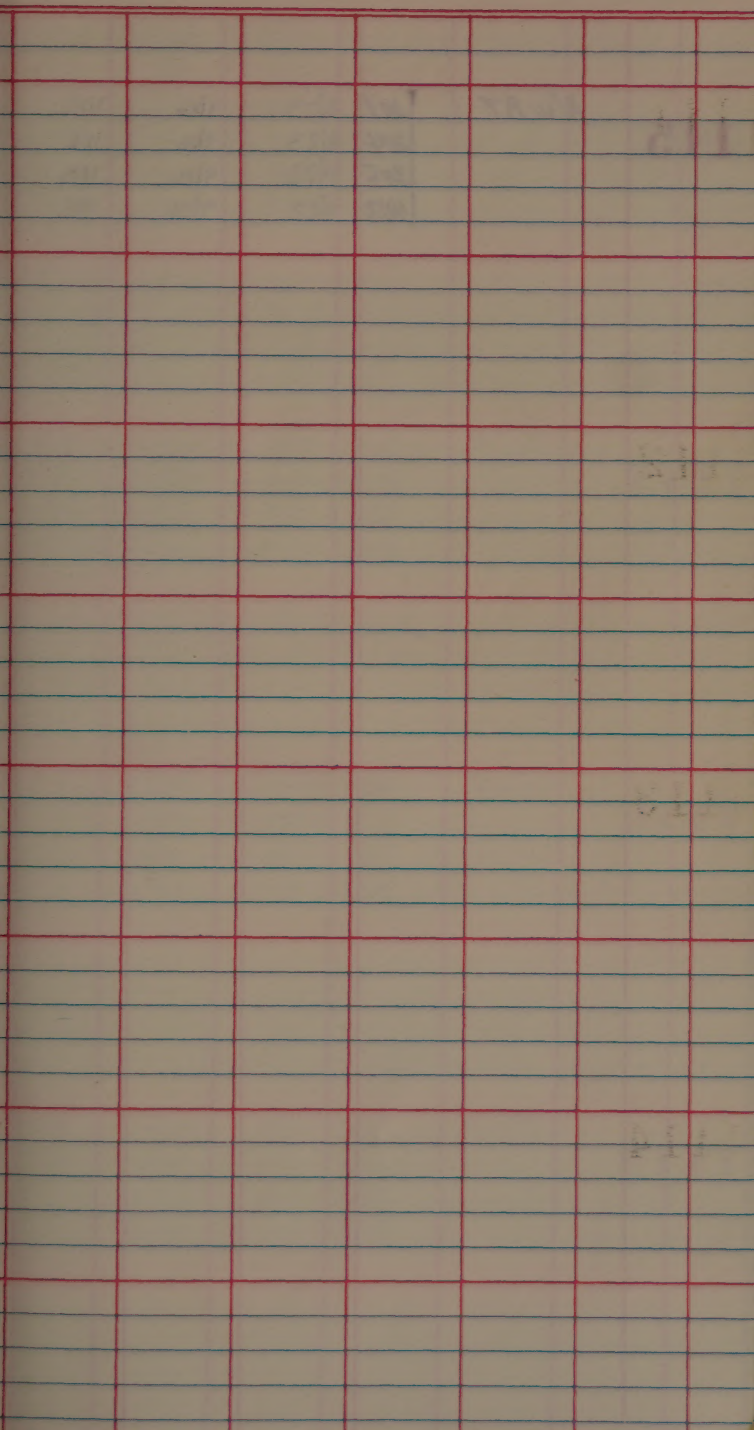
SEEDED 6/2/86
S3, 1E

			DATE	DATE	HT.
			HEAD	Hv.	cm
1111	LMNT	104	8/22	9/23	81
		202	8/19	9/23	76
		301	8/20	9/23	78
		403	8/20	9/23	81

1112	GFMT	102	8/16	9/18	82
		205	8/17	9/18	79
		303	8/17	9/18	85
		404	8/16	9/18	82

1113	RXMT	104	8/22	9/23	73
		203	8/21	9/23	75
		301	8/22	9/23	75
		405	8/20	9/23	79

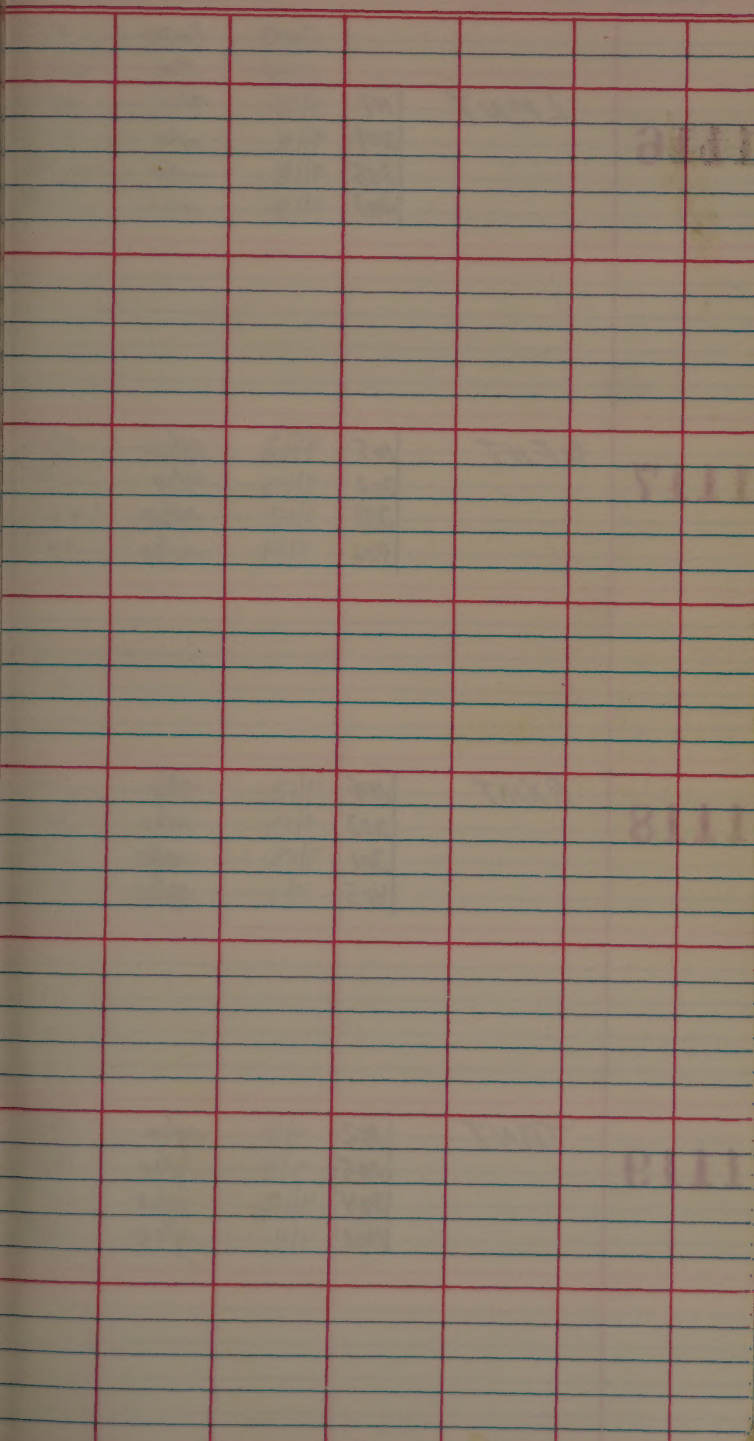
1114	TBNT	102	8/12	9/15	113
		205	8/11	9/15	118
		304	8/12	9/15	119
		401	8/11	9/15	113



1115

NWBT

101	8/23	9/26	106
204	8/23	9/26	106
305	8/23	9/26	104
402	8/22	9/26	102



Seched 7/1

			DATE	DATE	HT
			HEAD	HO.	cm.
1116	LMNT	101	9/20	10/27	96
		204	9/18	10/27	91
		305	9/18	10/27	97
		403	9/18	10/27	94

1117	GFMT	105	9/12	10/20	96
		202	9/13	10/20	95
		303	9/17	10/20	96
		402	9/14	10/20	94

1118	RXMT	104	9/12	10/20	87
		203	9/13	10/20	79
		301	9/13	10/20	85
		405	9/9	10/20	81

1119	TBNT	102	9/11	10/20	125
		205	9/18	10/20	120
		304	9/12	10/20	123
		401	9/9	10/20	118

0

0

0

0

30

10

0

10

10

10

20

0

100

100

100

100

1120

NWBT

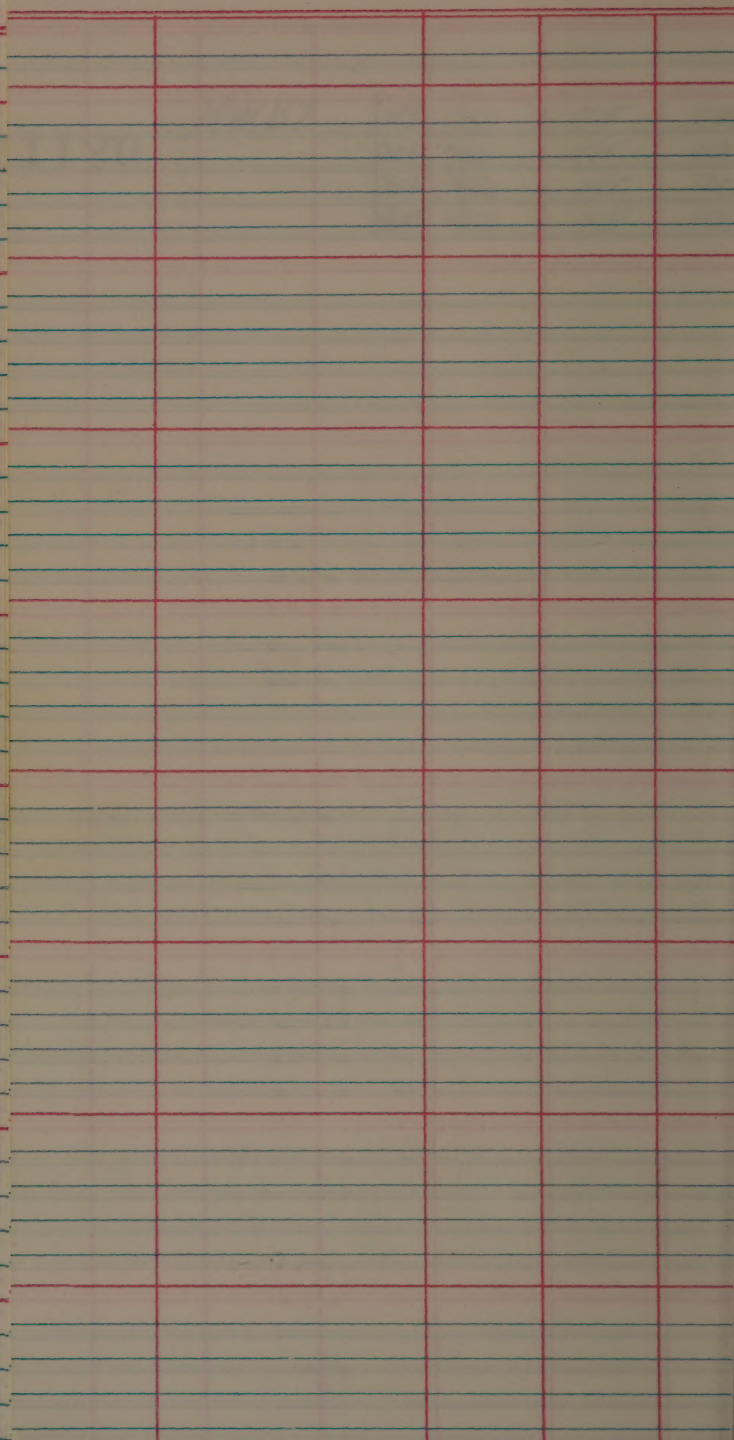
103	9/22	11/5	120
201	9/21	11/5	115
302	9/22	11/5	120
404	9/22	11/5	118

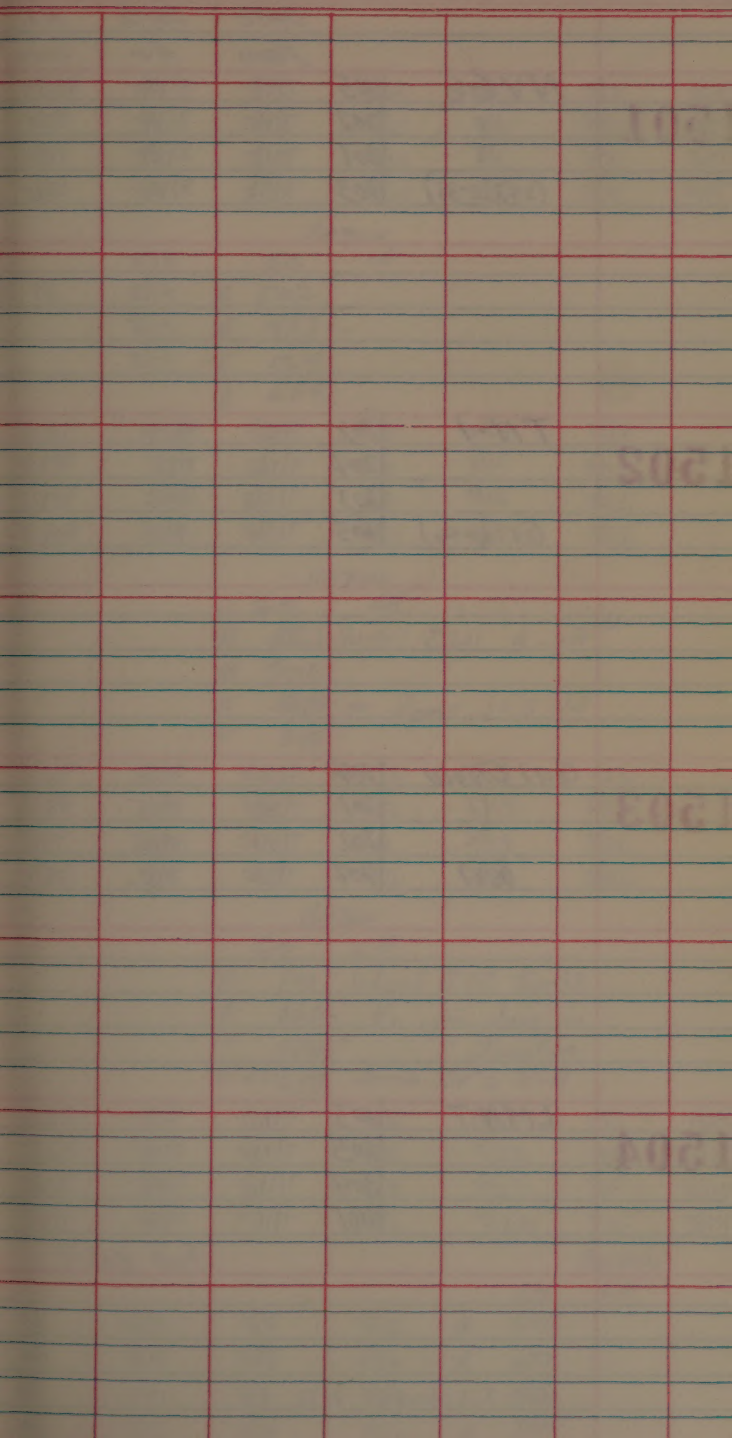
80

20

60

0





SEEDED 4/18/86
S3, 3E TNC Test

			DATE	DATE	HT.
			HEAD	Hv.	cm.
1501	NV66 (24732-33)	105	7/11	8/19	120
		202	7/11	8/19	120
		301	7/11	8/19	118
		403	7/11	8/19	122
1502	TN-1 (24453-56)	102	7/16	8/20 ^L	92
		204	7/16	8/22	84
		303	7/16	8/22	84
		405	7/16	8/22	84
	^L Rep. A, 100% lodged early Hv'd 2' x 2 sample on 8/22				
1503	Gui Chow (999)	104	7/20	8/26	96
		201	7/20	8/26	95
		302	7/20	8/26	99
		404	7/20	8/26	95
	about 50% lodged in each rep. at maturity! Hv'd 2' x 2 sample on 8/26				
1504	LMNT	103	7/11	8/12	81
		205	7/11	8/12	80
		304	7/11	8/12	80
		401	7/11	8/12	81
	2' x 2 sample 8/12				

7/1	7/11	7/18	7/25	8/1	8/8	8/15
7/1	7/11	7/18	7/25	8/1	8/8	8/15
7/1	7/11	7/18	7/25	8/1	8/8	8/15
7/1	7/11	7/18	7/25	8/1	8/8	8/15

RATON

8/19 GM. LB.

L PI	8/19	A 502				
	8/19	B 477				
	8/19	C 524				
		D 684				

7/17	7/25	8/1	8/8	8/15	8/22	
7/17	7/25	8/1	8/8	8/15	8/22	
7/17	7/25	8/1	8/8	8/15	8/22	
7/17	7/25	8/1	8/8	8/15	8/22	

RATON

A GM. LB.

A 837

B 800

C 860

D 649

7/22	7/29	8/5	8/12	8/19	8/26	
7/22	7/29	8/5	8/12	8/19	8/26	
7/22	7/29	8/5	8/12	8/19	8/26	
7/22	7/29	8/5	8/12	8/19	8/26	

RATON

GM LB

A 800

B 666

C 486

D 637

7/1	7/11	7/15	7/18	7/22	7/25	7/29
7/1	7/11	7/15	7/18	7/22	7/25	7/29
7/1	7/11	7/15	7/18	7/27	7/25	7/29
7/1	7/11	7/15	7/18	7/22	7/25	7/29

L Socky Boat

RATON

GM LB

8/1	8/5	8/8	8/12	A 675		
8/1	8/5	8/8	8/12	B 672		
8/1	8/5	8/8	8/12	C 446		
8/1	8/5	8/8	8/12	D 560		

1505

BBLE

101

7/8

8/8

110

203

7/8

8/8

111

305

7/8

8/8

110

(934)

402

7/7

8/8

110

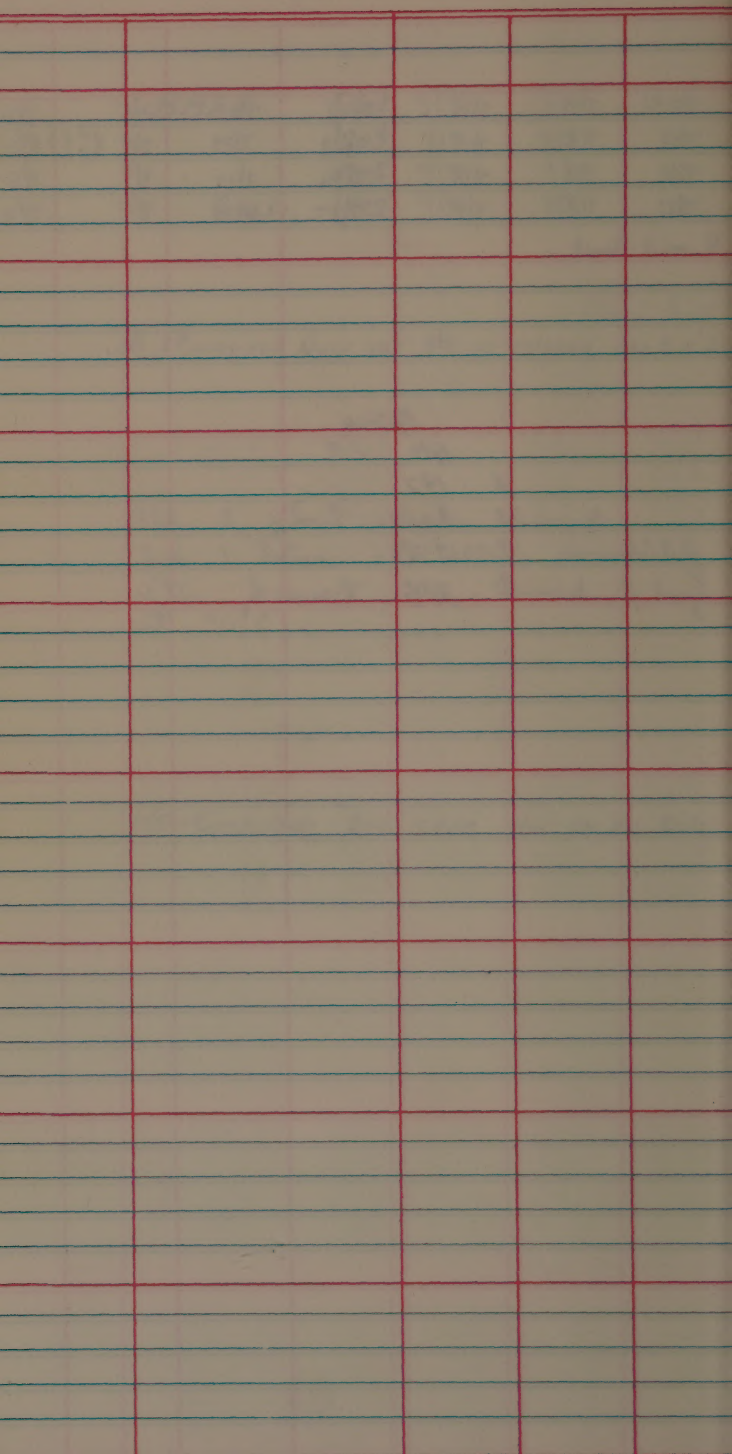
All 2' plant samples dried
for 1 hour at 100°C immediately
after harvest; then dried 3 days
at 70°C.

11/10 - COMPLETED 2ND CROP NO. OF ALL PLOTS.

7/1 L	7/9	7/15	7/22	7/29	8/5	8/8
7/1	7/9	7/15	7/22	7/29	8/5	8/8
7/1	7/9	7/15	7/22	7/29	8/5	8/8
7/1	7/9	7/15	7/22	7/29	8/5	8/8
L mid-boot						

mid boot
2' x 2 row samples on 8/8 for yield components, etc.

	PLOT	
	GM	LB.
A	192	
B	278	
C	258	
D	386	



SEEDED 4/24/86 California
S3, 18E Variety Trial

			DATE HEAD	DATE HU-	HT. cm.
1601	M-101 86-Y-1	116	6/27	8/1	83
1602	86-Y-2	304	6/24	8/1	83
1603	86-Y-3	206	6/30	8/1	87
1604	86-Y-4	203	6/29	8/1	90

%
w/T

lb/A

62.3/72.9

4410

55.8/72.4

4605

61.0/69.9

5063

50.2/69.4

4210

81-4-5
1605 86-4-5 | 109 6/29 8/1 85

1606 86-4-6 | 202 6/28 8/1 87

1607 86-4-7 | 4/7 6/28 8/8 94

1608 86-4-8 | 207 6/30 8/1 84

$\frac{\%}{w/T}$

16/A

59.4/70.1

5438

57.0/69.7

5047

63.7/71.0

4816

56.1/69.7

4318

1609	86-4-9	212	6/30	8/4	93
------	--------	-----	------	-----	----

1610	17-202	102	6/30	8/4	90
	86-4-10				

1611	86-4-11	201	6/28	8/1	91
------	---------	-----	------	-----	----

1612	86-4-12	305	6/27	8/1	84
------	---------	-----	------	-----	----

1613

86-Y-13

209

6/28

8/1

82

1614

86-Y-14

219

7/1

8/12

98

1615

86-Y-15

402

6/27

8/1

95

late reg.
bad tat-neck

1616

86-Y-16

117

6/29

8/12

88

$\frac{\%}{w/T}$

lb/A

59.5/71.2

6348

59.5/72.2

5654

57.1/69.0

4564

90 L

61.7/72.1

4780

1617	86-4-17	2/10	7/1	8/12	106
------	---------	------	-----	------	-----

1618	86-4-18	4/9	6/25	8/1	80
------	---------	-----	------	-----	----

1619	86-4-19	3/1	6/28	8/4	89
------	---------	-----	------	-----	----

1620	86-4-20	4/15	6/26	8/1	86
------	---------	------	------	-----	----

1621	CALMOCHI-10/	315	7/1	8/12	90
	86-Y-21				

1622	86-Y-22	422	7/1	8/1	84
------	---------	-----	-----	-----	----

1623	86-Y-23	222	6/30	8/1	90
------	---------	-----	------	-----	----

1624	86-Y-24	119	6/30	8/4	91
------	---------	-----	------	-----	----

Severe kernel smut

$\frac{\%}{w/T}$

lb/A

69.7/72.9

5083

37.4/68.7

5104

57.6/70.1

5582

56.6/70.2

6178

1625	86-Y-25	4/6	6/28	8/1	94
------	---------	-----	------	-----	----

1626	86-Y-26 CAL. BELLE	4/8	7/1	8/4	109
	(626)				

1627	LMNT	1/5	7/13	8/15	78
	(NR)				

1628	GFMT	1/08	7/9	8/8	84
	(NR)				

	$\frac{\%}{w/T}$	$\frac{16}{A}$
	48.6/70.5	5762
80 L	44.0/68.1	5238
	62.1/69.8	5587
	60.3/69.3	5428

1629	86-Y-29 M-202	2/3	6/30	8/4	92
------	------------------	-----	------	-----	----

1630	86-Y-30 M-201	104	6/29	8/4	79
------	------------------	-----	------	-----	----

1631	86-Y-31 S-201	3/2	7/9	8/18	98
------	------------------	-----	-----	------	----

1632	86-Y-32	407	6/25	8/1	88
------	---------	-----	------	-----	----

Source not-reli

$\frac{W}{T}$

lb/A

50.4/66.6

4513

60.2/69.6

5197

63.7/72.4

4868

52.7/71.3

3655

1633	86-Y-33 M-101	1321	6/28	8/4	91
------	------------------	------	------	-----	----

1634	86-Y-34	1220	6/27	8/1	86
------	---------	------	------	-----	----

1635	86-Y-35	1419	6/30	8/8	89
------	---------	------	------	-----	----

Small par. disjunct

1636	86-Y-36	1/22	7/2	8/15	95
------	---------	------	-----	------	----

°/°
W/T

16/A

49.1/68.0

4225

62.5/71.2

5803

58.7/71.4

4061

68.0/72.9

4616

1637

86-Y-37

401

7/2

8/12

94

1638

86-Y-38

12/8

6/27

8/1

88

1639

86-Y-39

1/13

7/1

8/15

99

1640

86-Y-40

408

7/1

8/15

90

Very weak flow

%
w/T

16/A

66.7/72.3

5793

O

61.4/71.8

4621

61.9/70.2

4302

80

60.3/70.4

4343

1641	86-Y-41	1322	7/6	8/15	97
------	---------	------	-----	------	----

1642	86-Y-42	301	6/28	8/1	80
------	---------	-----	------	-----	----

1643	86-Y-43	413	7/2	8/15	92
------	---------	-----	-----	------	----

Same ident as PB!

1644	86-Y-44 L-202	208	7/3	8/8	85
------	------------------	-----	-----	-----	----

%
w/T

lb/A

68.6/72.0

5448

54.6/69.6

4811

62.4/70.1

4307

49.7/69.4

5705

1645	86-Y-45	4/20	7/2	8/1	87
------	---------	------	-----	-----	----

same

Same barrel amt

1646	86-Y-46	3/3	7/2	8/1	92
------	---------	-----	-----	-----	----

1647	86-Y-47	4/4	6/30	8/1	87
------	---------	-----	------	-----	----

1648	86-Y-48	1/21	7/1	8/4	96
------	---------	------	-----	-----	----

%
w/T

lb/A

50.5/66.7

5361

51.4/67.2

5058

51.2/68.6

6024

52.3/69.0

5890

1649	86-4-49	214	6/30	8/1	96
------	---------	-----	------	-----	----

1650	86-4-50	314	7/3	8/4	80
------	---------	-----	-----	-----	----

1651	86-4-51	205	7/1	8/1	84
------	---------	-----	-----	-----	----

Source not made!

1652	86-4-52	303	6/28	8/1	80
------	---------	-----	------	-----	----

$\frac{\%}{w/T}$

16/A

51.8/67.2

4467

54.7/69.7

5808

41.4/62.1

3716

45.9/64.8

4354

82

1653	86-Y-53 CAL. BELLE	112	7/2	8/4	113
	(1626)				

1654	86-Y-54	107	6/29	8/4	81
------	---------	-----	------	-----	----

1655	BRAZ	318	7/11	8/21	104
	(1810)				

1656	MARS	302	7/12	8/15	106
	(687)				

%
w/T

16/A

42.7/68.8

5376

52.9/64.8

5161

31.9/12.2

4919

62.1/69.3

5325

1657 RICO-1 | 403 7/14 8/29 103

(HR)

Slow pm. rest.

1658 SKBT | 221 7/6 8/8 107

(HR)

1659 RXMT | 410 7/7 8/8 81

(HR)

1660 LBLE | 406 7/1 8/1 110

(16)

$\frac{o}{w}$ $\frac{16}{A}$

51.2/12.0

5818

58.3/70.4

5073

57.1/69.6

6147

59.3/68.9

4852

1661 86-4-61
M7 | 308 7/25 8/29

few early roques

1662 86-4-62
M-302 | 412 7/7 8/21 107

1663 86-4-63
M-401 | 310 7/18 8/25 110

1664 86-4-64
| 105 7/11 8/21 100

%
w/T

lb/A

52.7/69.7

4420

61.5/71.3

4862

51.2/67.3

4575

58.0/69.7

5603

1665	86-Y-65	12/6	7/7	8/15	100
------	---------	------	-----	------	-----

1666	86-Y-66	12/7	7/16	8/29	113
------	---------	------	------	------	-----

notable heading

Some grain sprouting
on the panicle!

1667	86-Y-67	12/4	7/9	8/18	102
------	---------	------	-----	------	-----

1668	86-Y-68	14/1	7/8	8/21	100
------	---------	------	-----	------	-----

%
W/T

lb/A

65.4/70.2

5561

50.4/68.9

4981

63.0/69.9

5870

100 L

62.0/71.2

5515

1669	86-4-69	309	7/9	8/21	103
------	---------	-----	-----	------	-----

1670	86-4-70	211	7/9	8/18	100
------	---------	-----	-----	------	-----

1671	86-4-71	110	7/4	8/15	97
------	---------	-----	-----	------	----

1672	86-4-72	215	7/1	8/15	97
------	---------	-----	-----	------	----

$\frac{0}{6}$
 $\frac{w}{T}$

lb/A

38.6/68.9

5310

61.8/68.5

5037

65.5/70.5

5402

63.0/70.1

4832

1673	86-Y-73	101	7/10	8/18	100
------	---------	-----	------	------	-----

1674	86-Y-74	404	7/6	8/21	104
------	---------	-----	-----	------	-----

1675	86-Y-75	111	7/9	8/21	103
------	---------	-----	-----	------	-----

1676	86-Y-76	103	7/4	8/15	99
------	---------	-----	-----	------	----

1677

86-4-77

|307

7/8

8/21

98

Early seg.

1678

86-4-78

|319

7/4

8/18

102

1679

86-4-79

|106

7/9

8/15

103

1680

86-4-80

|114

7/8

8/15

100

$\frac{\%}{W/T}$ $\frac{lb}{A}$

62.2/71.3

4446

63.2/68.6

5006

65.4/70.3

4533

66.2/70.4

4693

1681	86-Y-81	3/6	7/6	8/15	100
------	---------	-----	-----	------	-----

1682	86-Y-82	4/21	7/8	8/15	98
------	---------	------	-----	------	----

1683	86-Y-83	3/6	7/10	8/21	102
------	---------	-----	------	------	-----

1684	86-Y-84	4/05	7/14	8/12	95
------	---------	------	------	------	----

A-301
Severe pain, light

$\frac{0/0}{W/T}$ $\frac{116}{A}$

64.4/69.1

4719

68.6/71.2

5577

58.4/70.4

5870

47.0/64.8

4127

88

1685	R48601021	120	7/10	8/21	101
	(ARK.)				

1686	PCOS	320	7/9	8/18	103
	(1686)				

1687	NWBT	317	7/16	8/21	104
	(ARK)				

1688	G4i(How	118	7/19	9/3	
	(199)				

$\frac{\%}{W/T}$ $\frac{1b}{A}$

55.0/67.2

4374

53.8/69.6

5998

52.0/67.9

5299

100% L

36.7/69.8

8373

[illegible]

SEED 4/15-17/86

1/2 PLOTS RECD

100#N AT

S3, 7E

1/2

"

"

160#N AT

Water-Seeded Test

		DATE	DATE	HT.
		HEAD	HT.	CM.
1701	LMNT	103		70
		207		70
		305		68
	(HR)	410		68
1702	LMNT	109		75
		202		72
		307		74
	(HR)	404		75
1703	GFMT	101		72
		203		75
		309		76
		405		70
1704	GFMT	106		78
		208		83
		304		77
		401		77

Harvested 20' x 30" by combine

36

	RXMT	108	150	70
		205		68
1705		303		68
	(HR)	406		69

	RXMT	110		77
		206		73
1706		301		75
	(HR)	409		74

	SKBT	107	150	75
		201		73
1707		306		68
	(HR)	402		74

	SKBT	104		78
		210		77
1708		308		79
	(HR)	407		80

1709

L-202

105
209
302
403

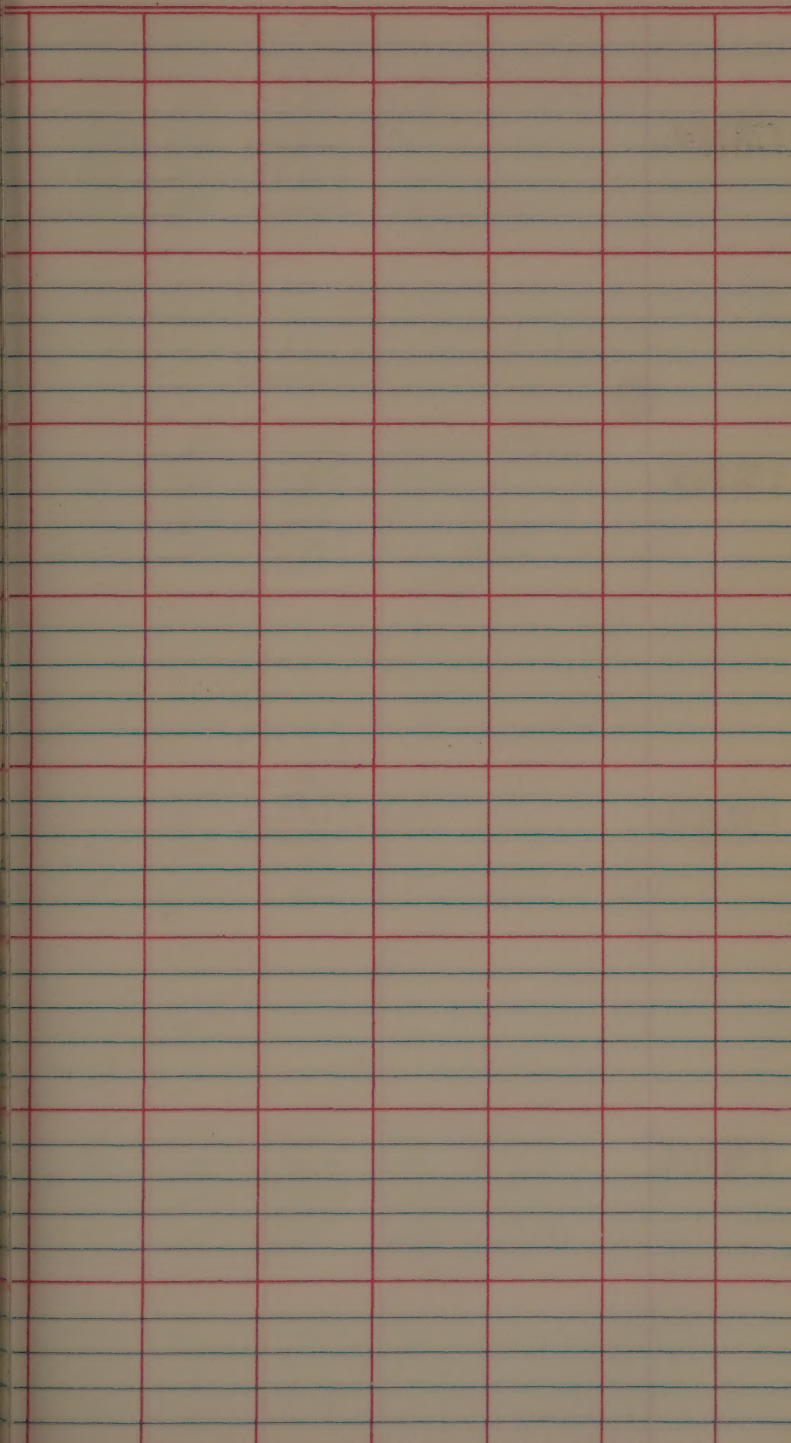
92
90
90
92

1710

L-202

102
204
310
408

100
100
102
103



SEEDED 4/2/86

Wind burn from hurricane
to newly emerging panicles,
esp. LMNT.

F1 Hybrid Yield Trial

			DATE HEAD	DATE HV.	HT. cm.
1801	RAX 2001	104	6/19	7/21	96
		201	6/19	7/21	98
		303	6/20	7/21	95
	(RA)	402	6/20	7/21	97
1802	Gui CHOW	103	7/9	8/11	93
		205	7/9	8/11	98
		301	7/9	8/11	96
	(1804)	403	7/9	8/11	<u>101</u> 97
1803	QUANG-CHANG-AI	101	6/25	7/29	94
		204	6/25	7/29	86
		302	6/25	7/29	89
	(809)	405	6/25	7/29	86
1804	RICO I	105	6/29	8/11	94
		202	6/29	8/11	96
		304	6/29	8/11	96
	(BR.)	401	6/29	8/11	94

1805

LMNT

102

6/29

7/29

85

203

6/26

7/28

75

305

6/26

7/28

75

(HR)

404

6/27

7/28

75

1806

CB-801

106

7/8

8/13

81

206

7/8

8/13

81

306

7/8

8/13

80

Uneven heading

406

7/8

8/13

82

CB-801 is not
a part of this test
but is only a
border fill-in!

H&L 2 Rev

[illegible]

Seeded 5/23/86

Biotech Yield Trial

1901

I/14-16

7/26

7/28

F₁ auther

7/29

LMNT/8303116

7/28

(PR 9602-11)

Same as 4301-25

in breeding nursery

1902

I/14-42

7/31

7/30

F₁ auther

7/31

LMNT/8303116

7/30

(PR 9612-21)

1903

II/12-5

7/29

7/30

F₁ auther

8/1

LMNT/8303116

7/30

(PR 9623-32)

1904

II/22-12

7/29

7/31

F₁ auther

7/30

LMNT/8303116

7/30

(PR 9633-37)

± 20 early seg.

1905

II/22-13

7/28

7/28

F₁ anther

7/29

LMNT/8303116

7/29

(PR 9638-47)

1906

II/22-14

7/28

7/29

F₁ anther

7/30

LMNT/8303116

7/29

(PR 9648-52)

1907

II/19-3

7/25

7/28

Regenerated

7/29

RU 8303116

7/26

(PR 9656-65)

1908

LMNT

8/6

8/6

8/7

8/6

(HR)

1909

GFMT

7/30

7/30

7/30

7/30

(HR)

1910

RU8303116

7/31

7/31

8/1

7/31

(116)

1911

RXMT

8/5

8/5

8/6

8/6

(HR)

1912

L-202

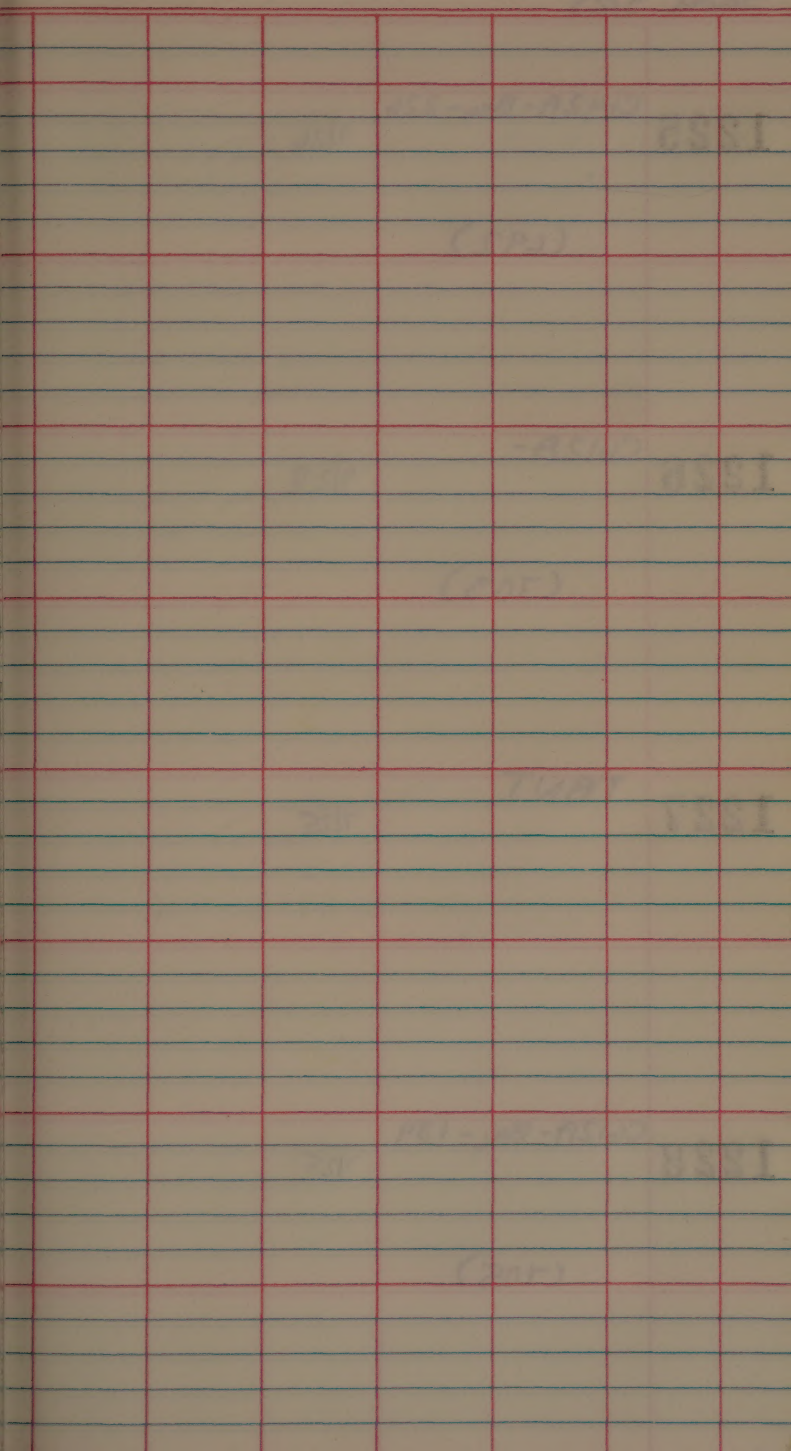
7/25

7/25

7/25

7/26

(Border)



SNP Block IX

Seeded 5/23

1225

C642A-BK4-226

7/26

(692)

1226

C612A-

7/28

(703)

1227

TBNT

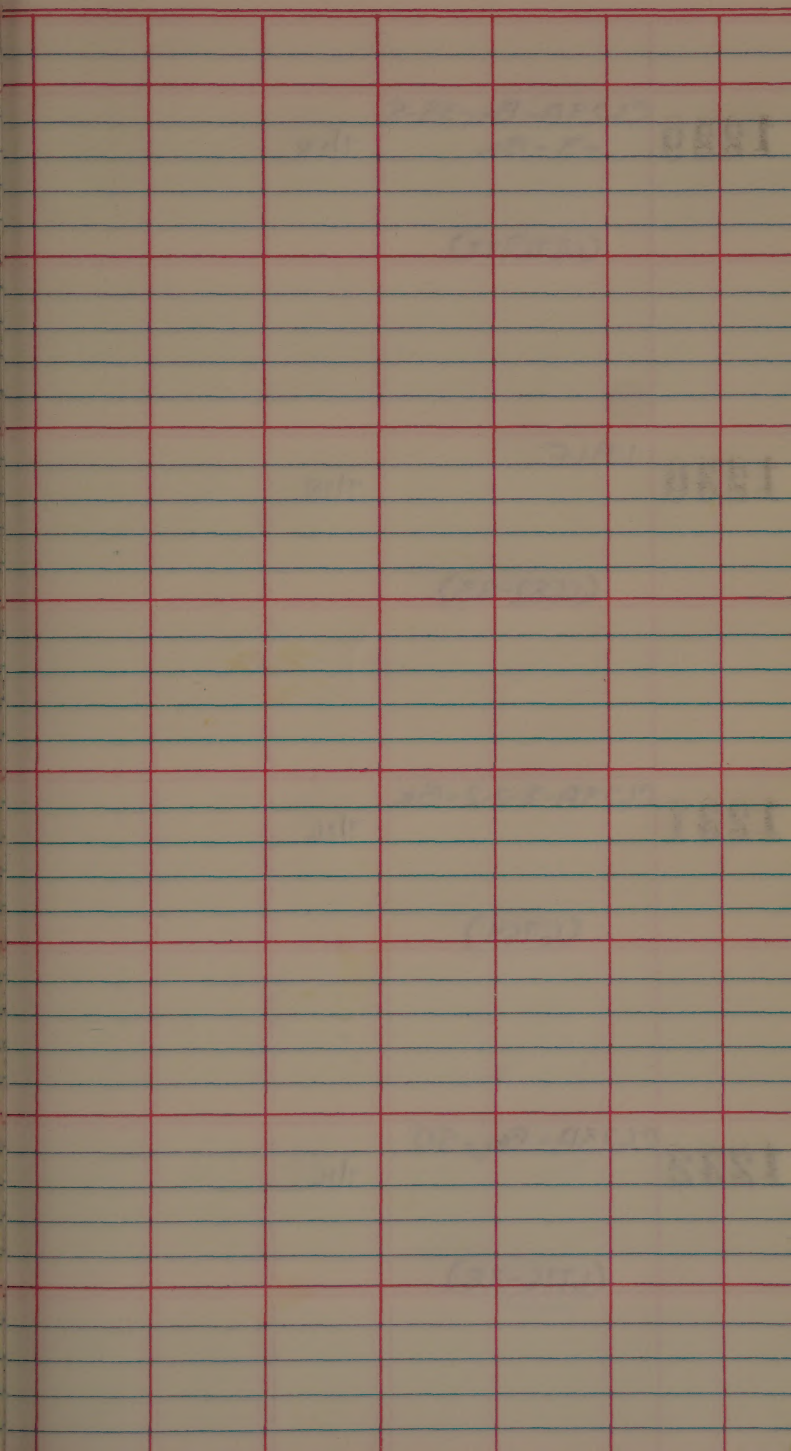
7/25

1228

C612A-BK6-134

7/25

(705)



1229

C623A-Bk-35-5
-3-Bk

7/28

(709)

1230

LBLE

7/24

(709)

1231

C623A-8-2-2-Bk

7/26

(718)

1232

C623A-Bk-50

7/26

(721)

1233

C623A-Bk-63

7/27

(722)

1234

NWBT

8/9

()

1235

C611A-Bk-6-3-2
-Bk

7/27

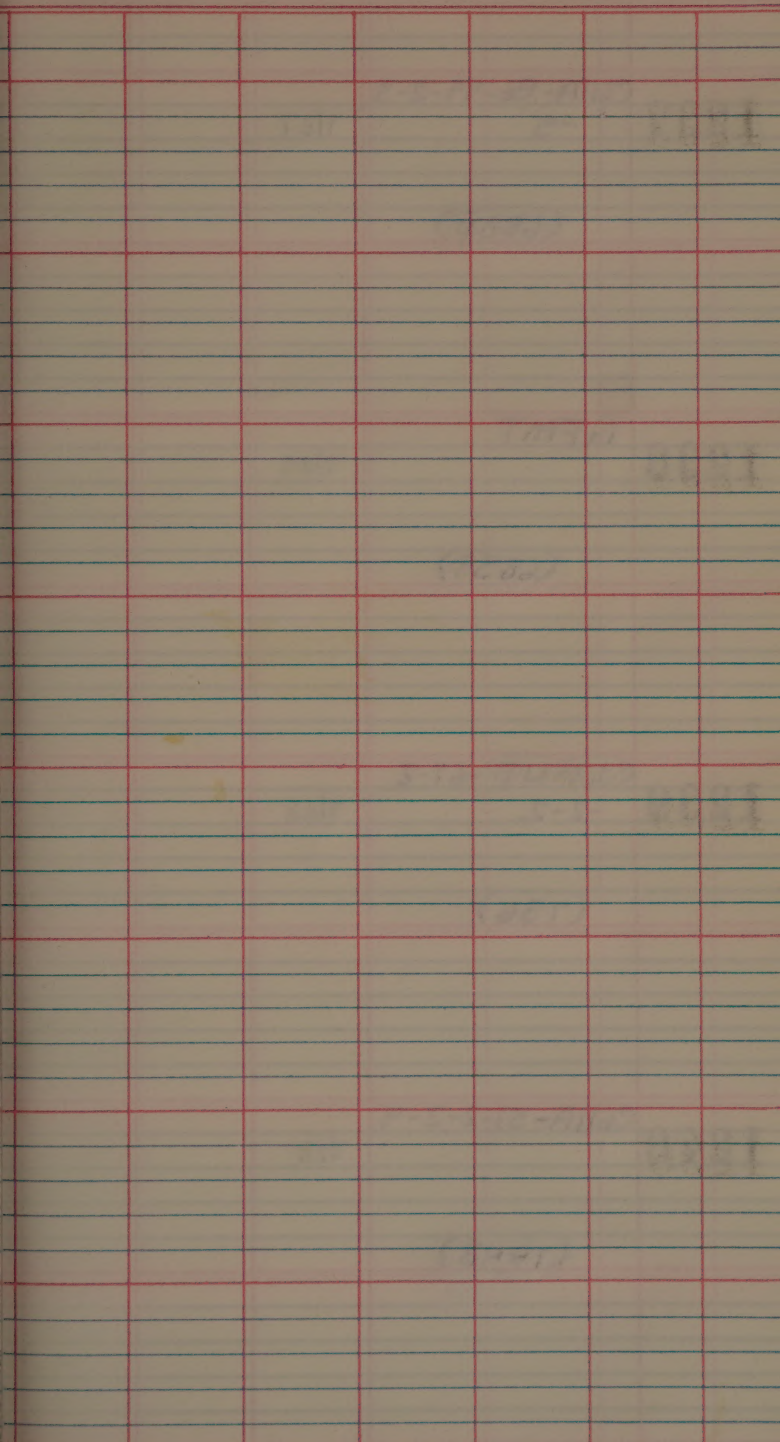
(732)

1236

C611A-Bk-17-1-4
-Bk

7/28

(733)



1237

CG11A-Bk-49-2-3
-5

7/27

(735)

1238

GFMT

7/29

()

1239

CG11A-Bk-67-2
-2-2

7/28

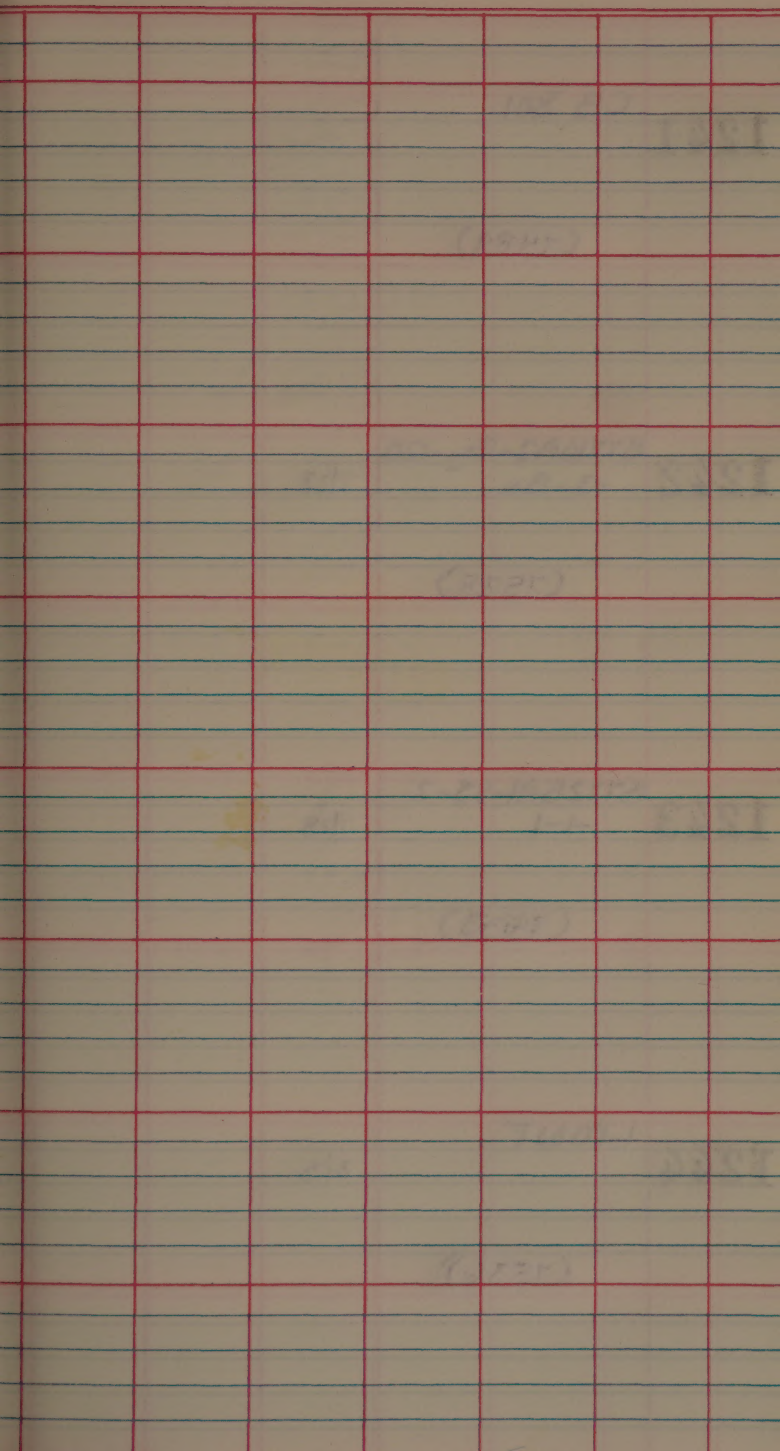
(736)

1240

CG11A-31-2-2-4

7/28

(740)



1241

CB 801

()

1242

B7710A2-BK₂-120
-3-BK

7/28

(744)

1243

B7725A1-93-2
-1-1

7/28

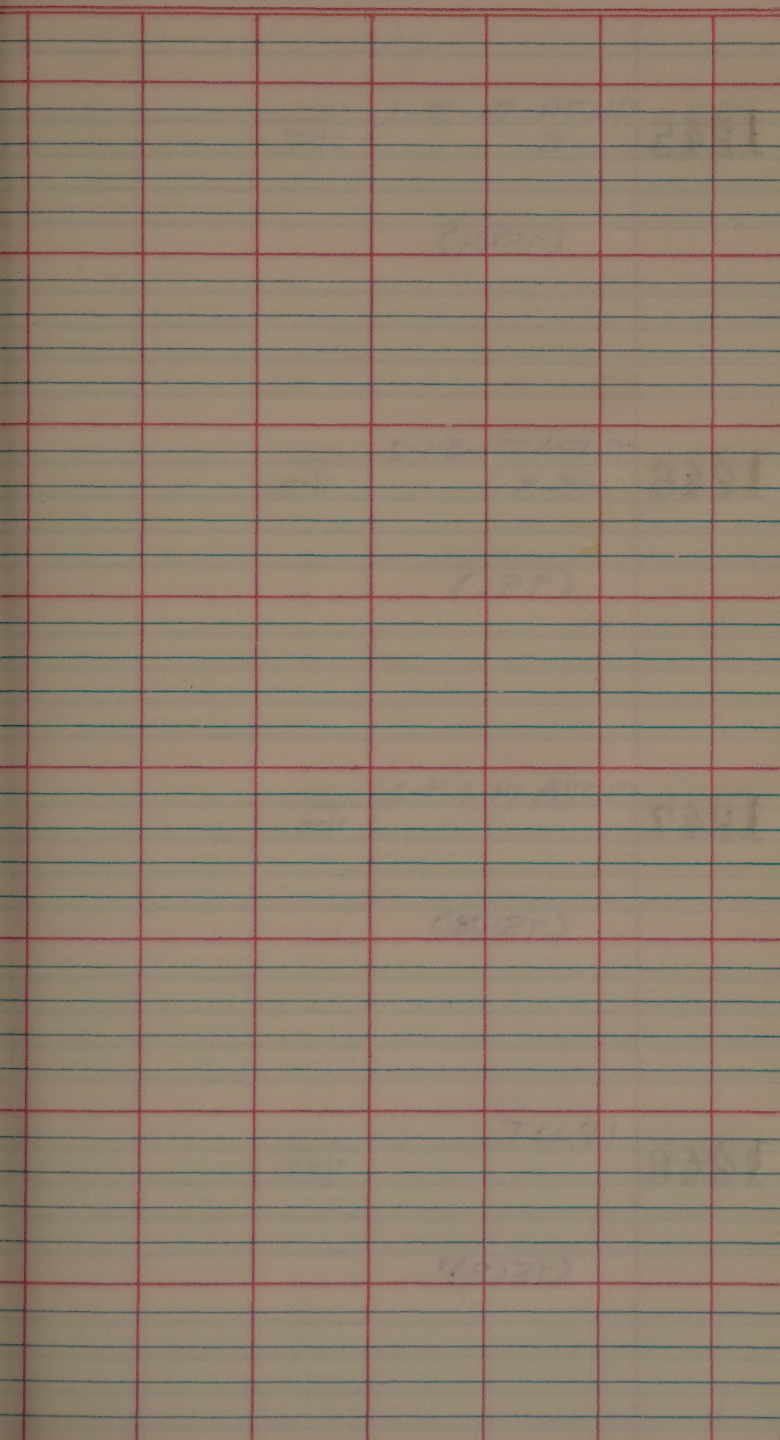
(745)

1244

LMNT

8/3

()



1245

C667A-Bk-38-1
-5

7/25

(750)

1246

C622A-Bk-34-2
-5-3

7/28

(756)

1247

C622A-14-1-4-2

7/29

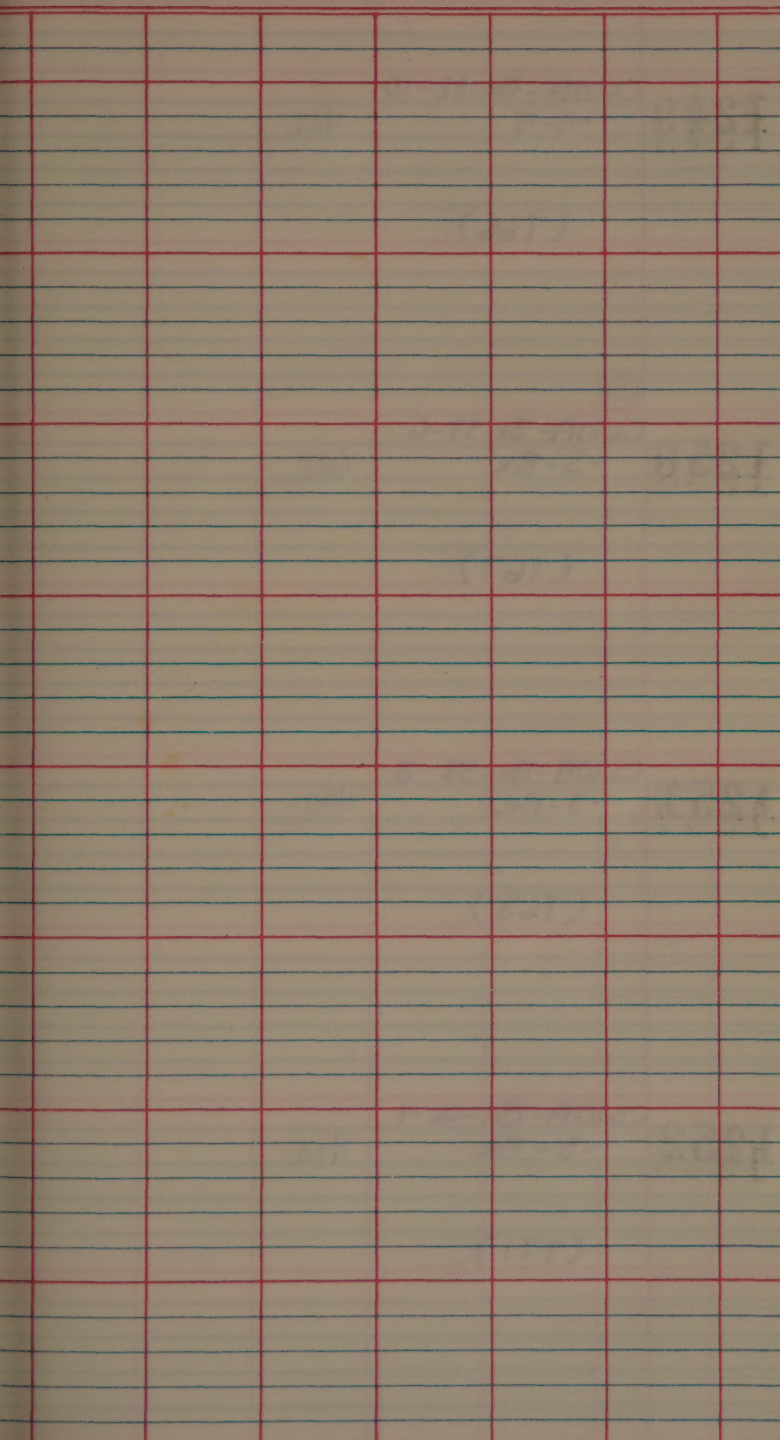
(762)

1248

LBNT

7/27

()



1249

C610A-BK-32-10
-5-5

7/29

(766)

1250

C610A-BK-33-6
-3-BK

7/30

(767)

1251

C610A-BK-58-8
-3-BK

7/30

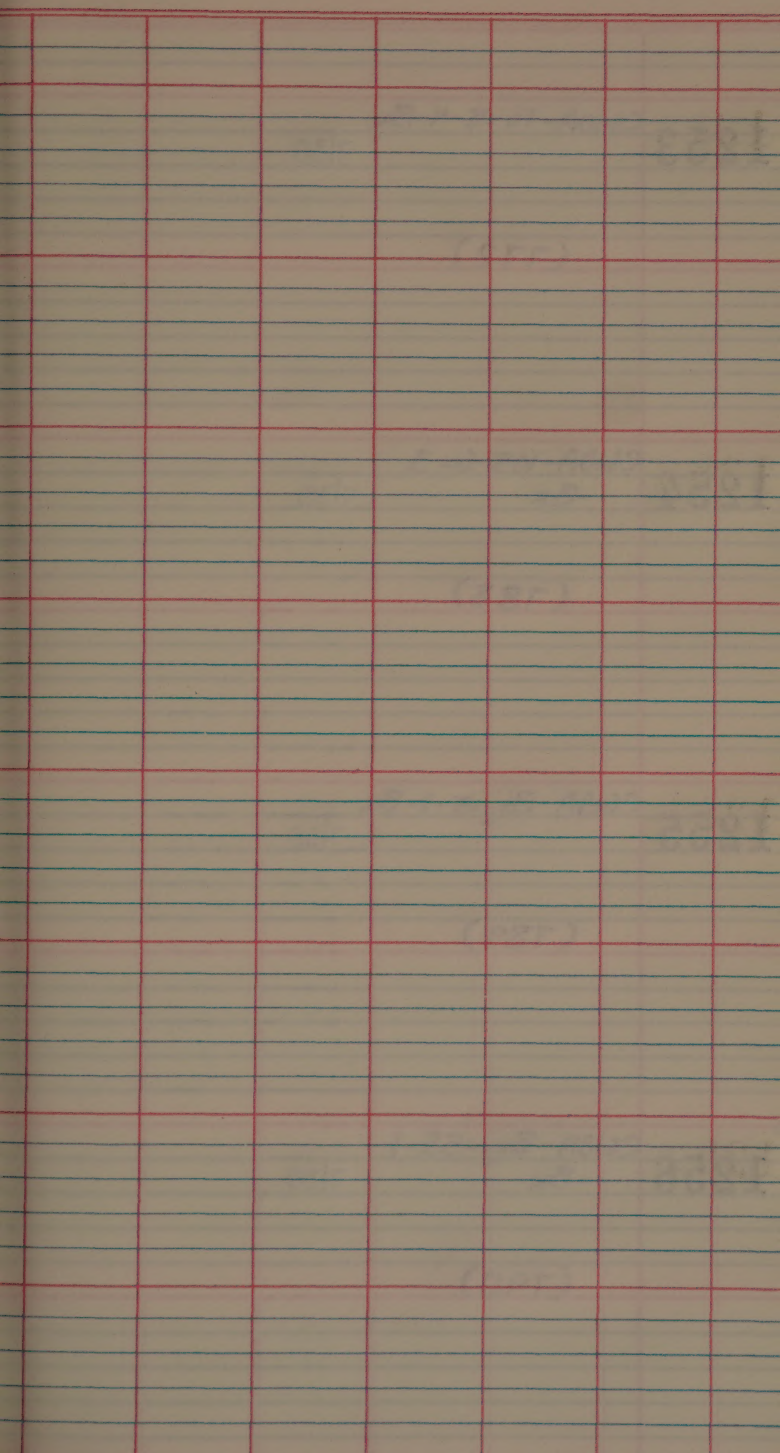
(768)

1252

C610A-BK-66-1
-3-BK

7/28

(771)



1253

C610A-16-5-4-Bk

7/30

(772)

1254

C610A-105-6-3

-Bk

7/30

(788)

1255

C610A-Bk₂-5-1-Bk

7/30

(789)

1256

C610A-Bk₂-55-1

-Bk

7/30

(790)

1257 SKBT

7/30

1258 C610A-Bk₂-65-5
-Bk

7/30

(791)

1259 C610A-Bk₂-102
-1-Bk

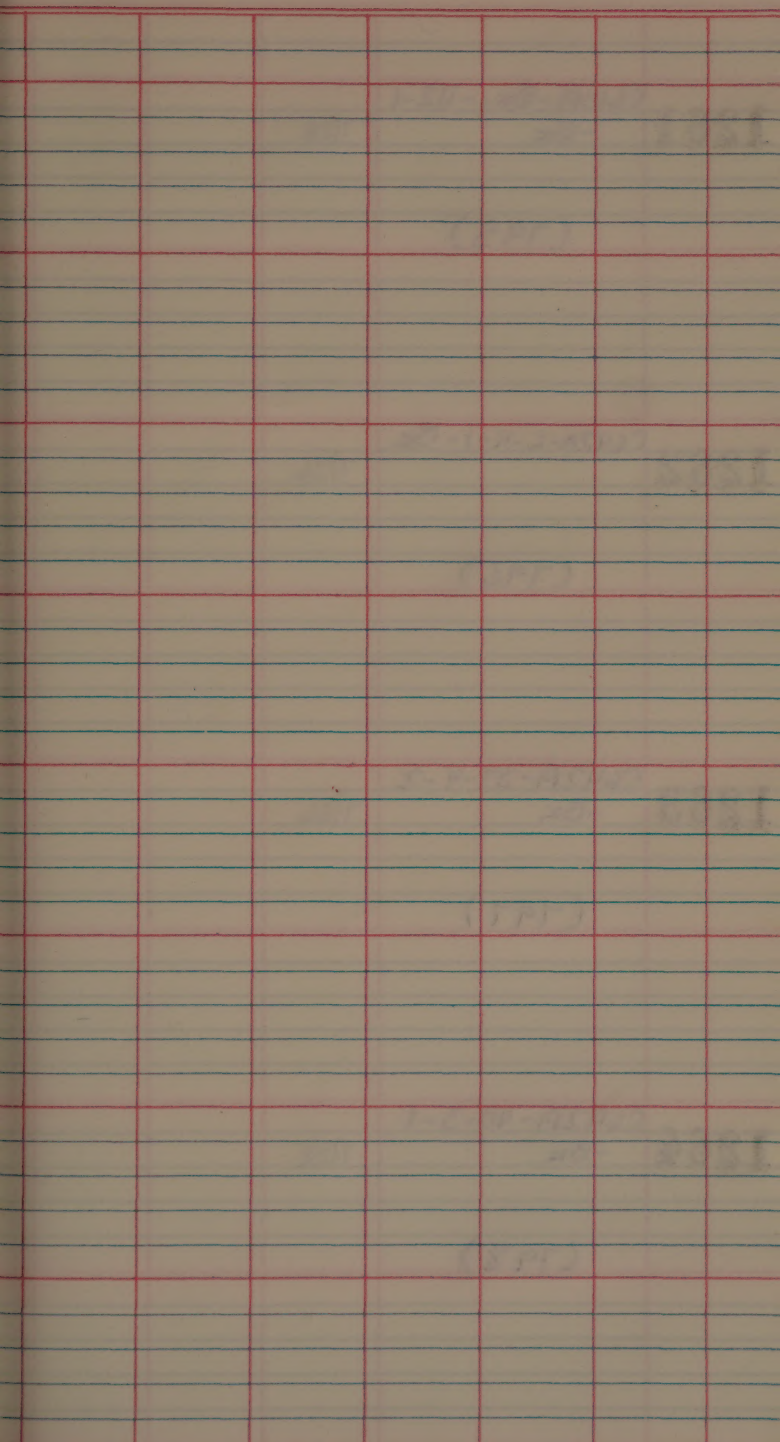
7/29

(793)

1260 C610A-Bk₂-III-1
-Bk

7/29

(794)



1261

C610A-BK₂-112-1
-BK

7/28

(795)

1262

C642A-6-4-1-BK

7/26

(796)

1263

C642A-33-4-2
-BK

7/26

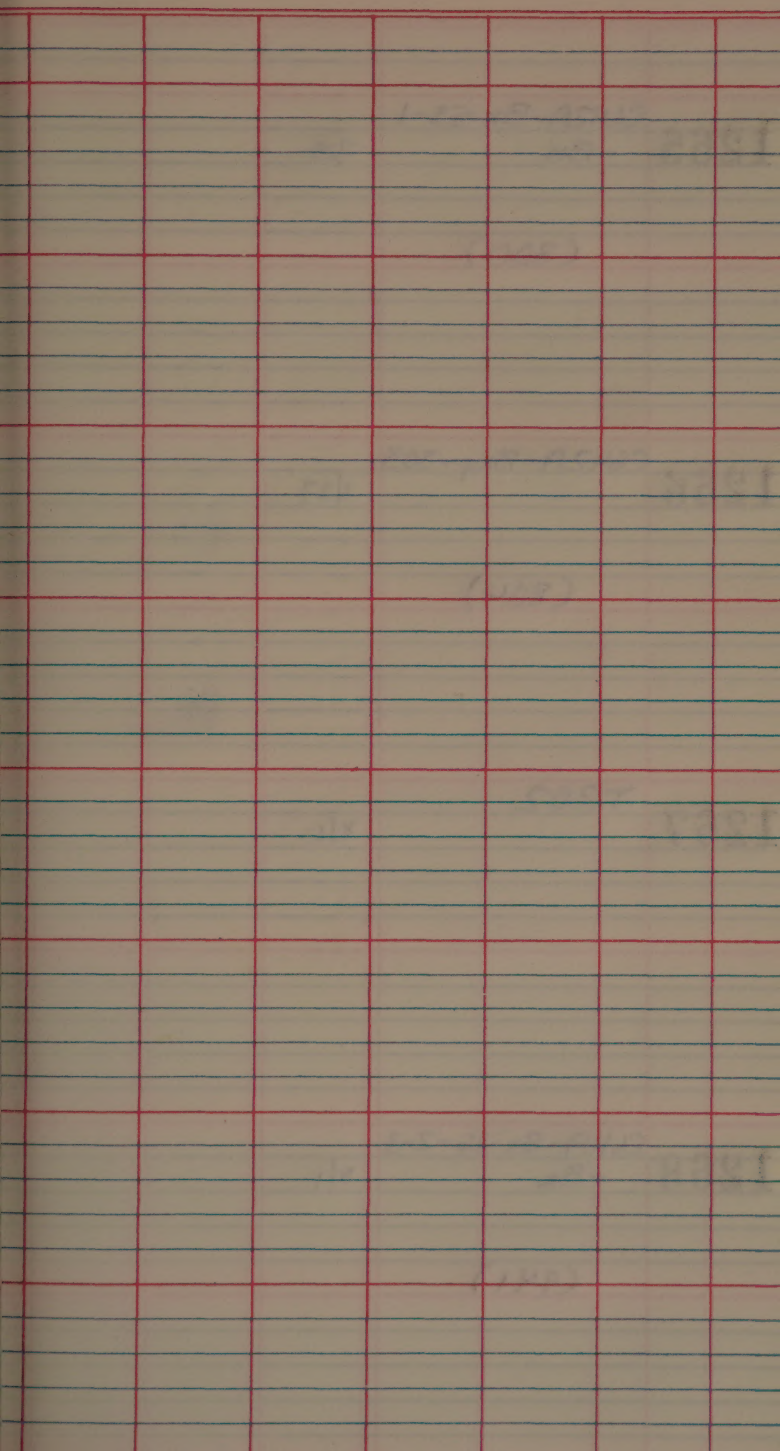
(797)

1264

C642A-40-3-1
-BK

7/28

(798)



1265

C642A-Bk-53-1
-Bk

7/28

(800)

1266

C642A-Bk-303

7/27

(804)

1267

TR02

8/6

1268

C611A-Bk-26-2-3
-Bk

8/1

(941)

1269

BT710A2-Bk₂-10
-4-3

8/8

(947)

1270

BT710A2-Bk₂-13
-5-4

8/6

(948)

1271

BT710A2-Bk₂-69
-1-1

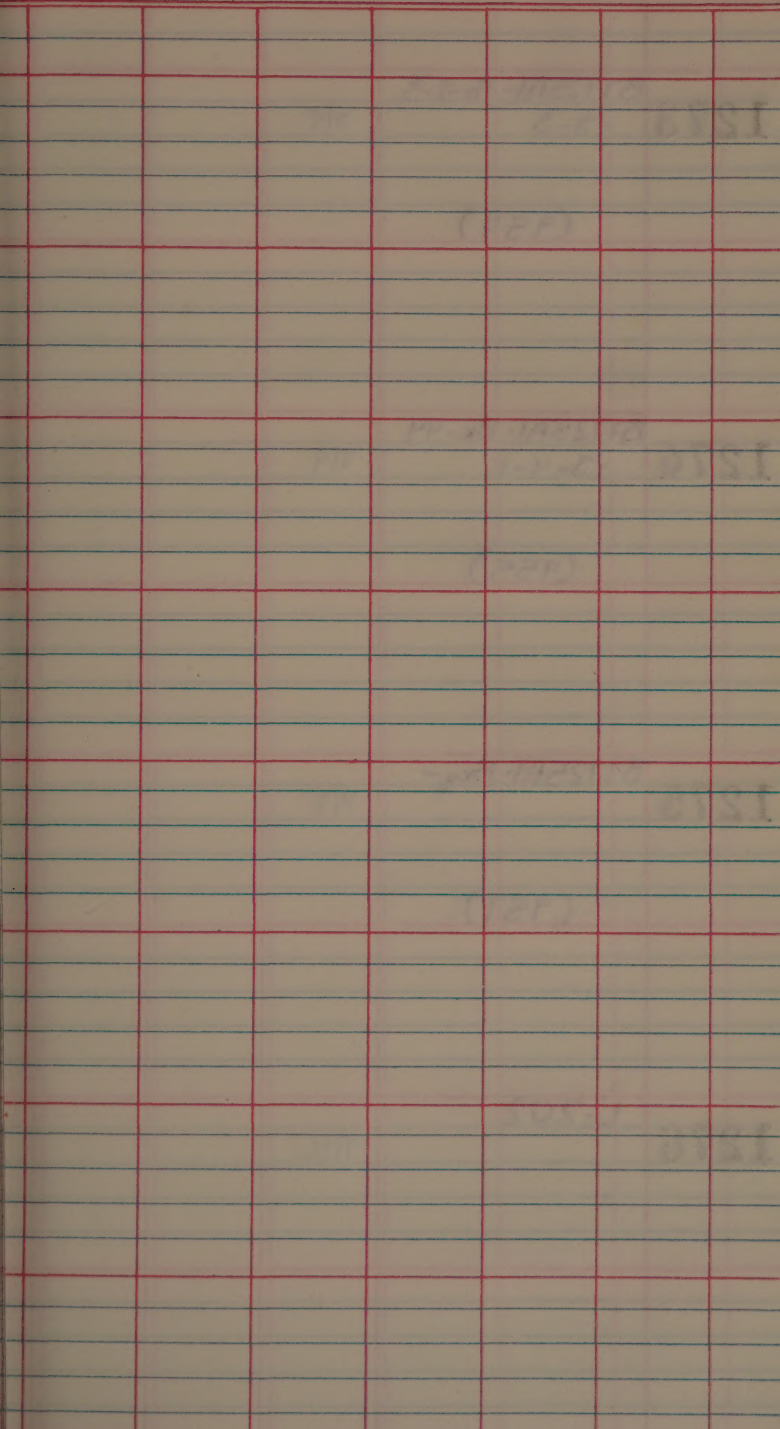
8/8

(950)

1272

RXMT

8/6



1273

B7725A1-Bk-7-3
-3-3

8/5

(954)

1274

B7725A1-Bk-44
-3-4-1

8/4

(955)

1275

B7725A1-Bk4-

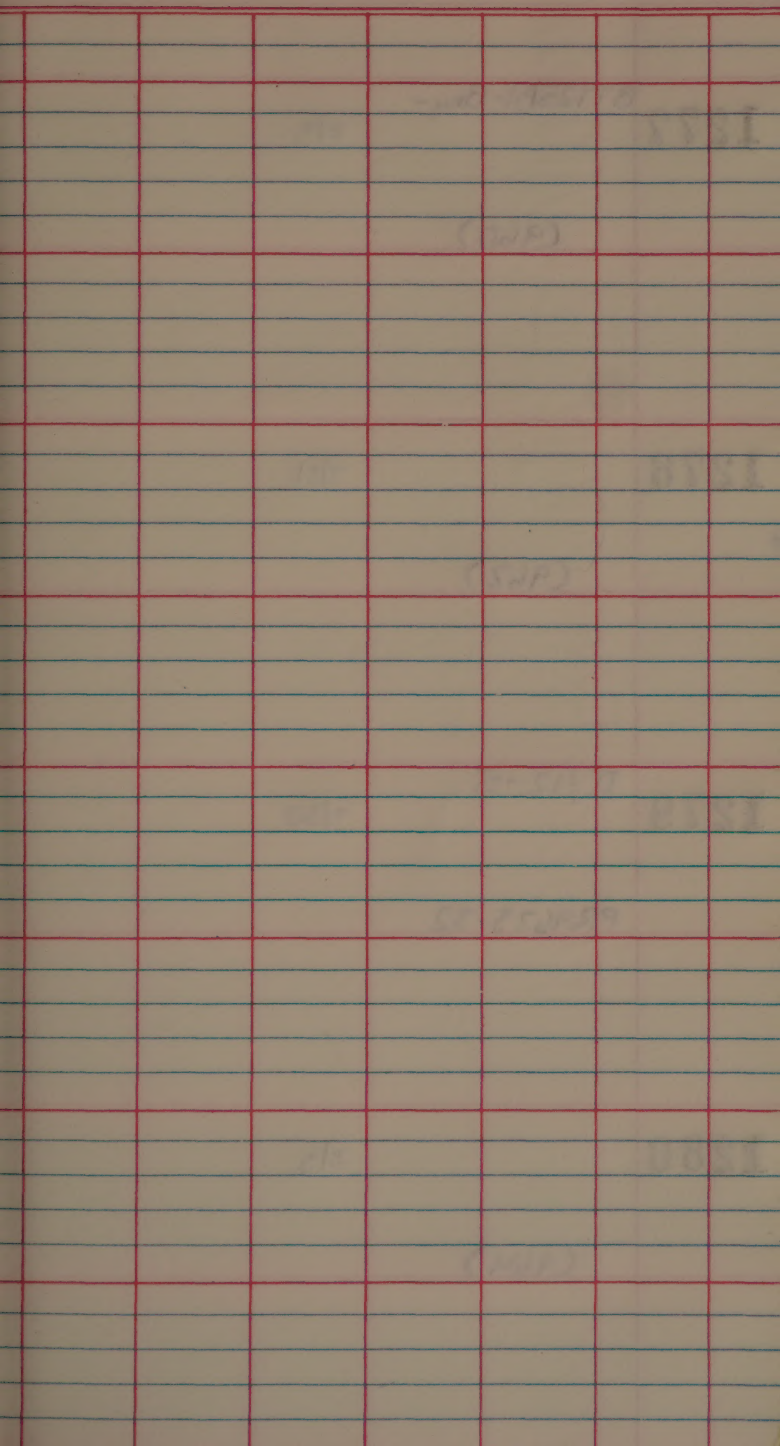
8/8

(957)

1276

L-202

7/26



1277

BT725A1-Bky-

8/3

(960)

1278

7/31

(962)

1279

II/12-5

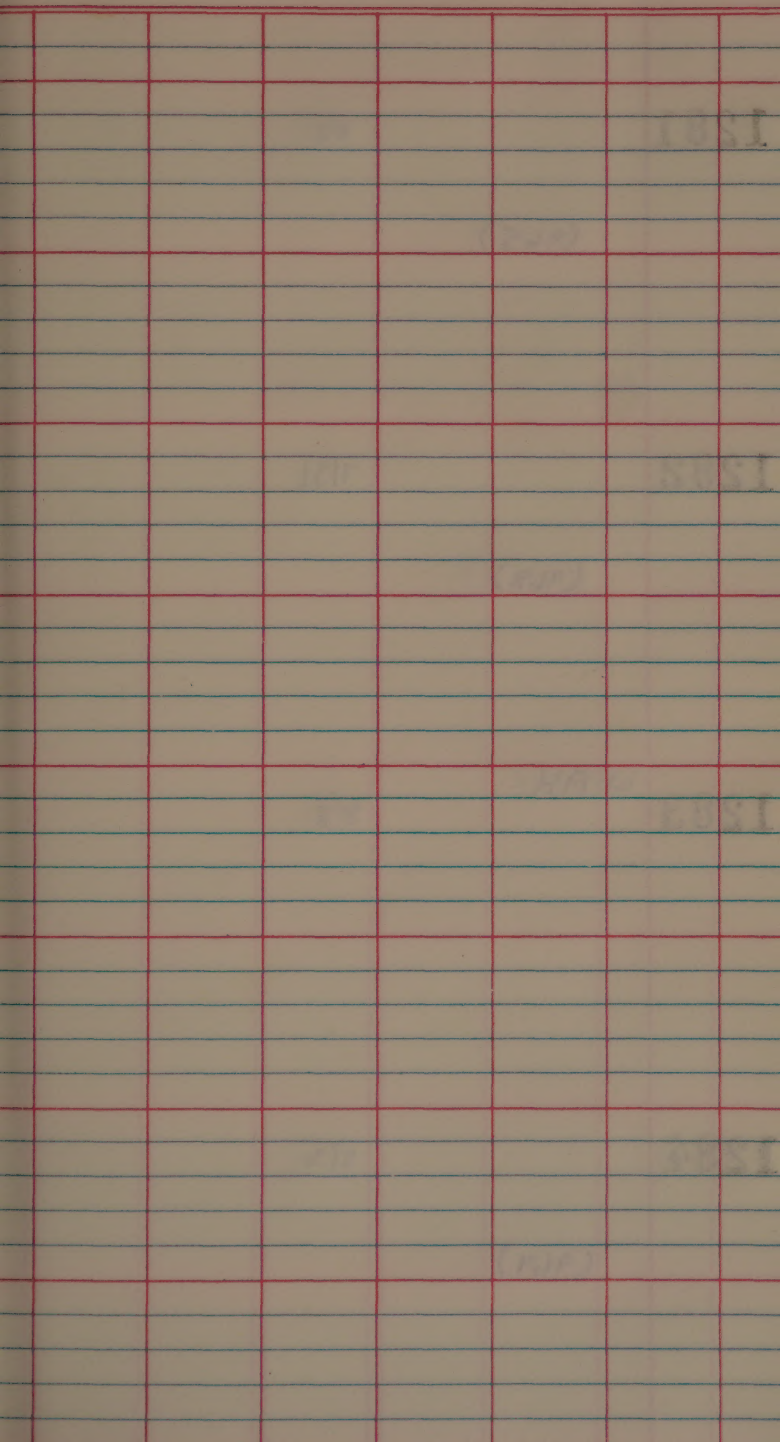
7/30

PR9623-32

1280

8/3

(964)



1281

8/1

(965)

1282

7/31

(968)

1283

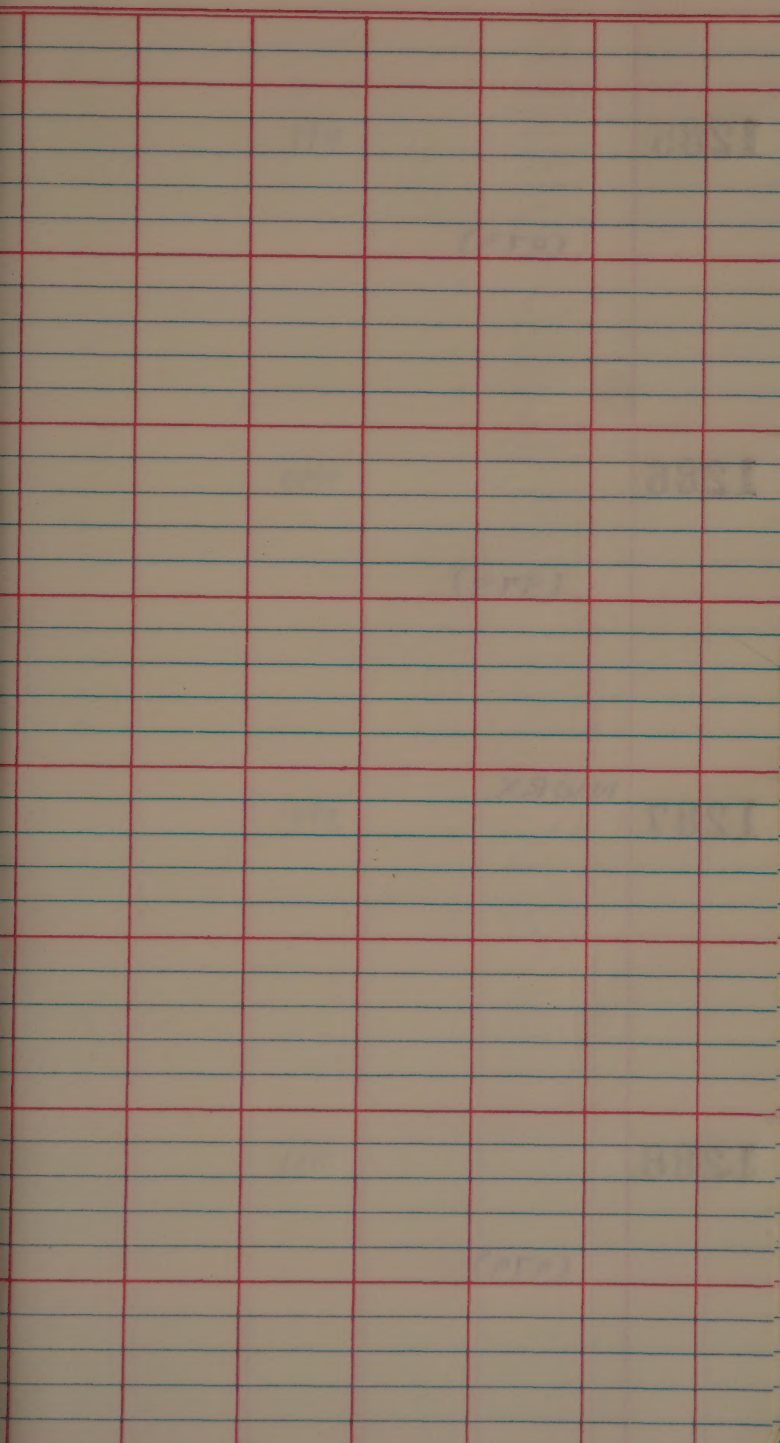
LEAH

8/8

1284

8/3

(969)



1285

8/1

(973)

1286

7/30

(975)

1287

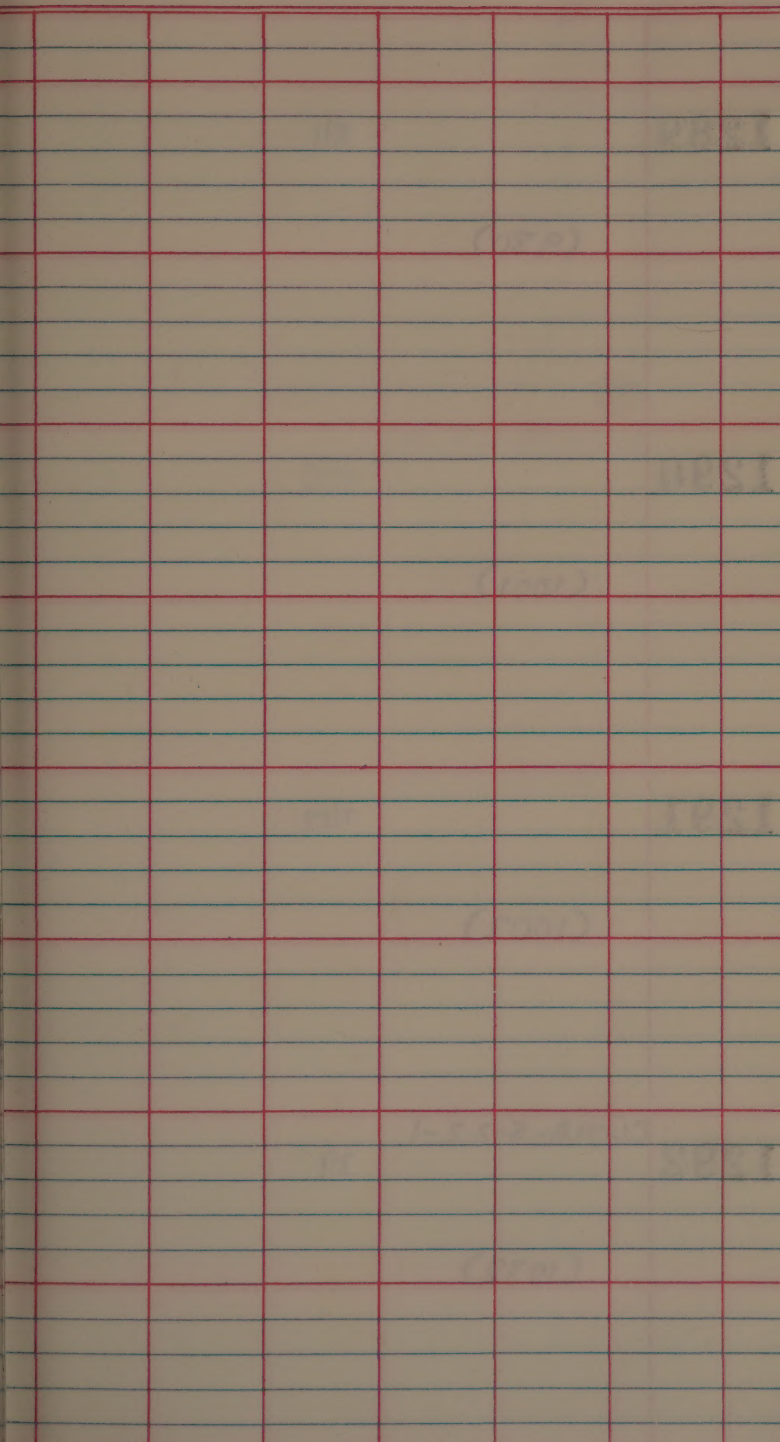
NWRX

8/1

1288

7/31

(979)



1289

8/1

(980)

1290

8/10

(1001)

1291

7/29

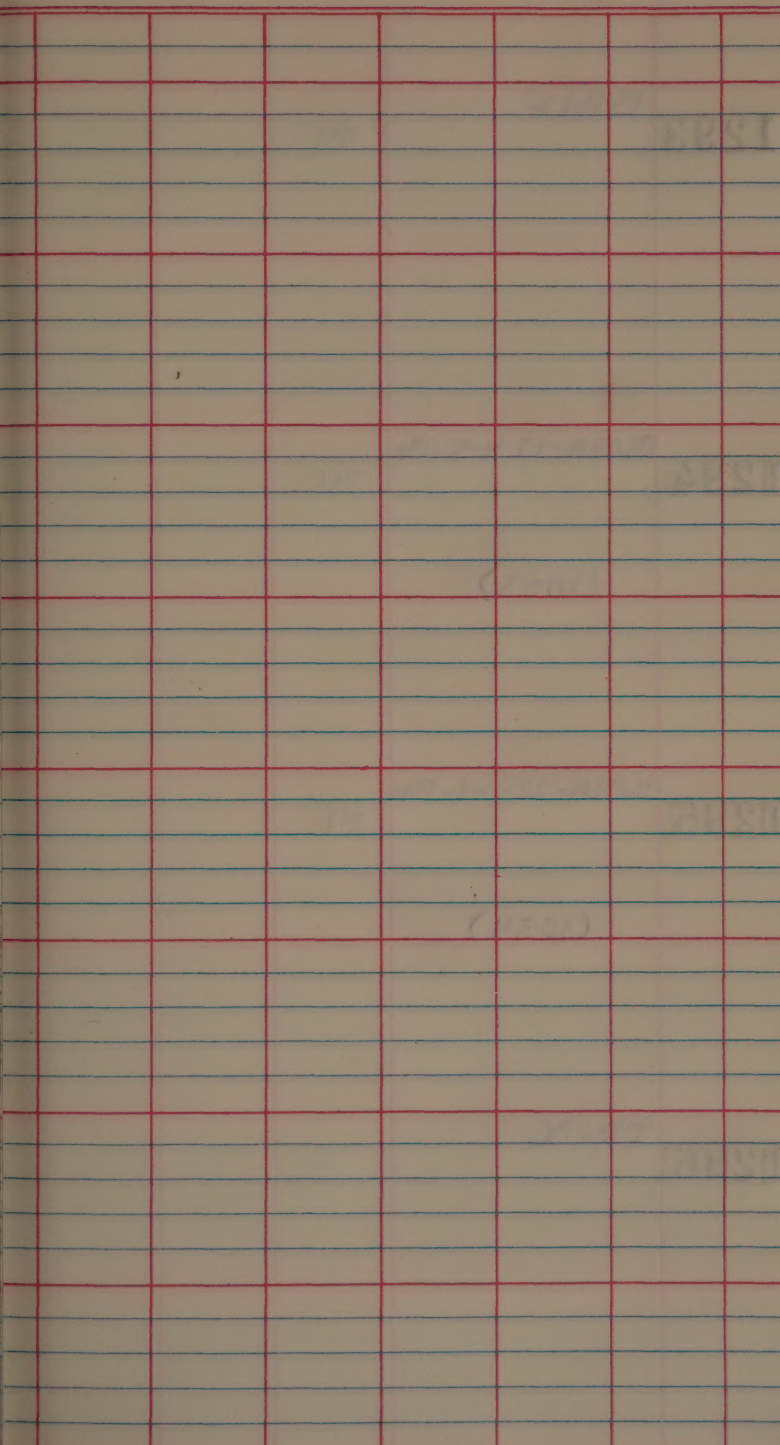
(1002)

1292

C609A-5-2-2-1

8/1

(1032)



1293

BBLE

7/31

1294

C609A-17-4-5-BK

7/31

(1033)

1295

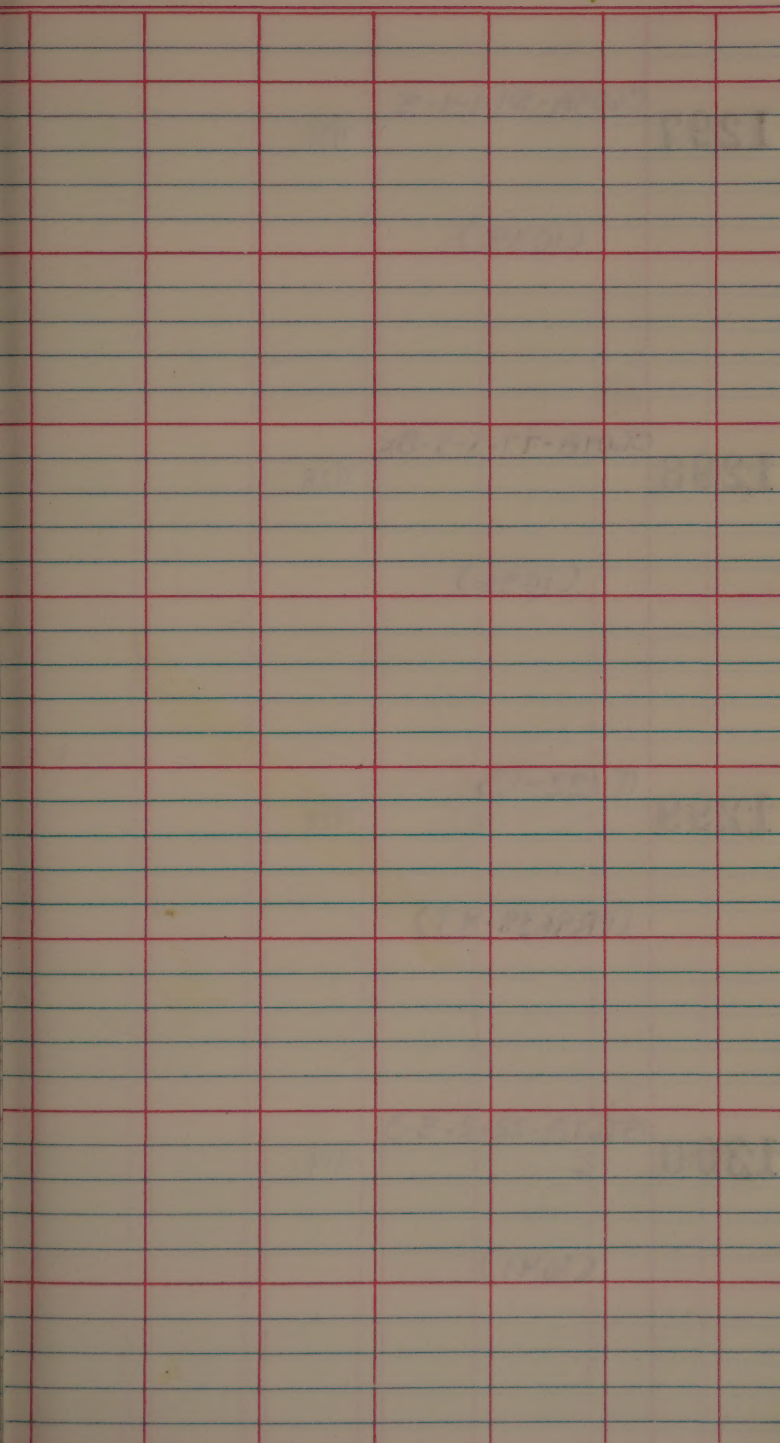
C609A-22-1-1-BK

8/1

(1034)

1296

IR-36



1297

C609A-59-1-4-5

7/31

(1035)

1298

C609A-77-5-3-Bk

7/28

(1036)

1299

II/22-13

7/28

(PR9638-47)

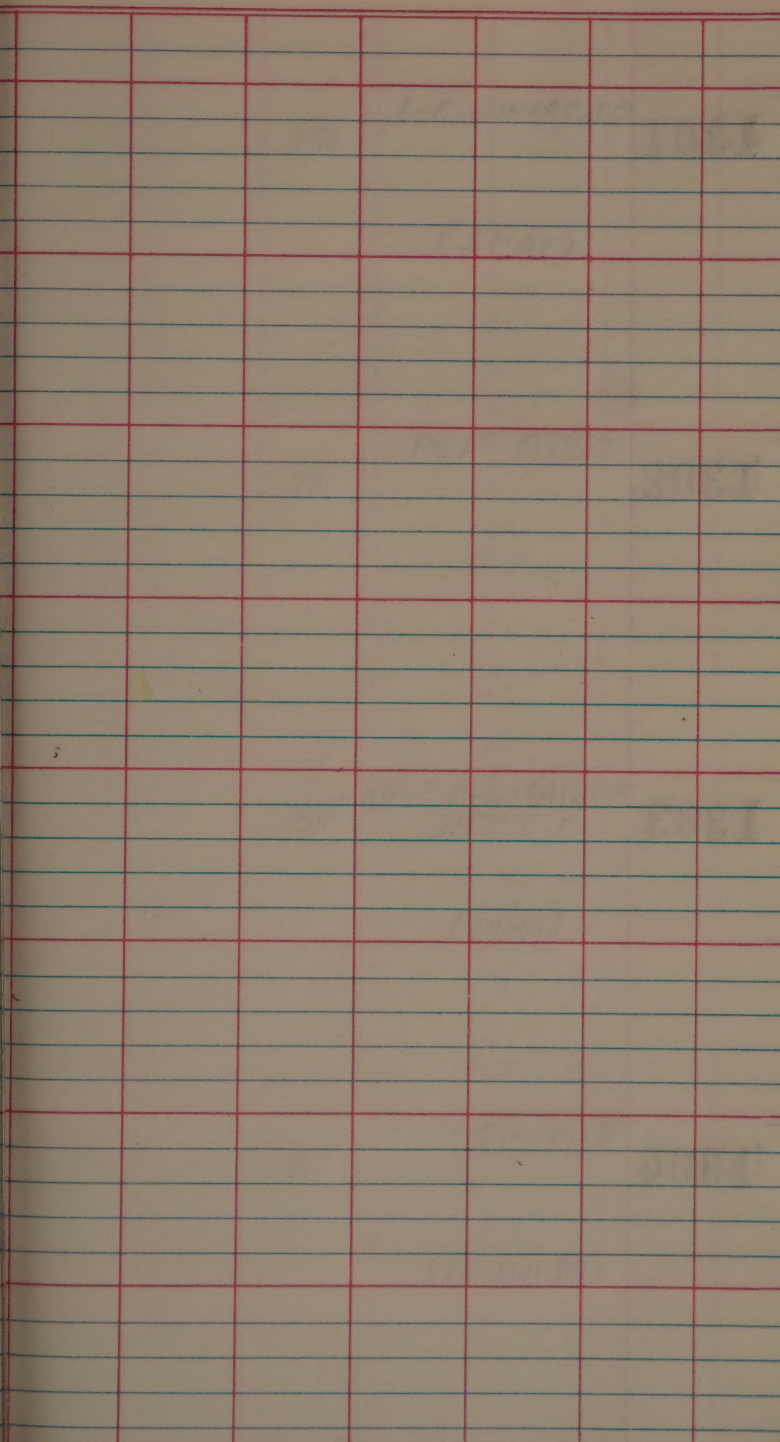
1300

BT67A-22-2-5-3

-2

8/14

(1041)



1301

B767A241-1-3-1

8/4

(1042)

1302

IRGA-409

8/15

1303

B767A2-62-5-3-BK
-3-2-2-BK

8/5

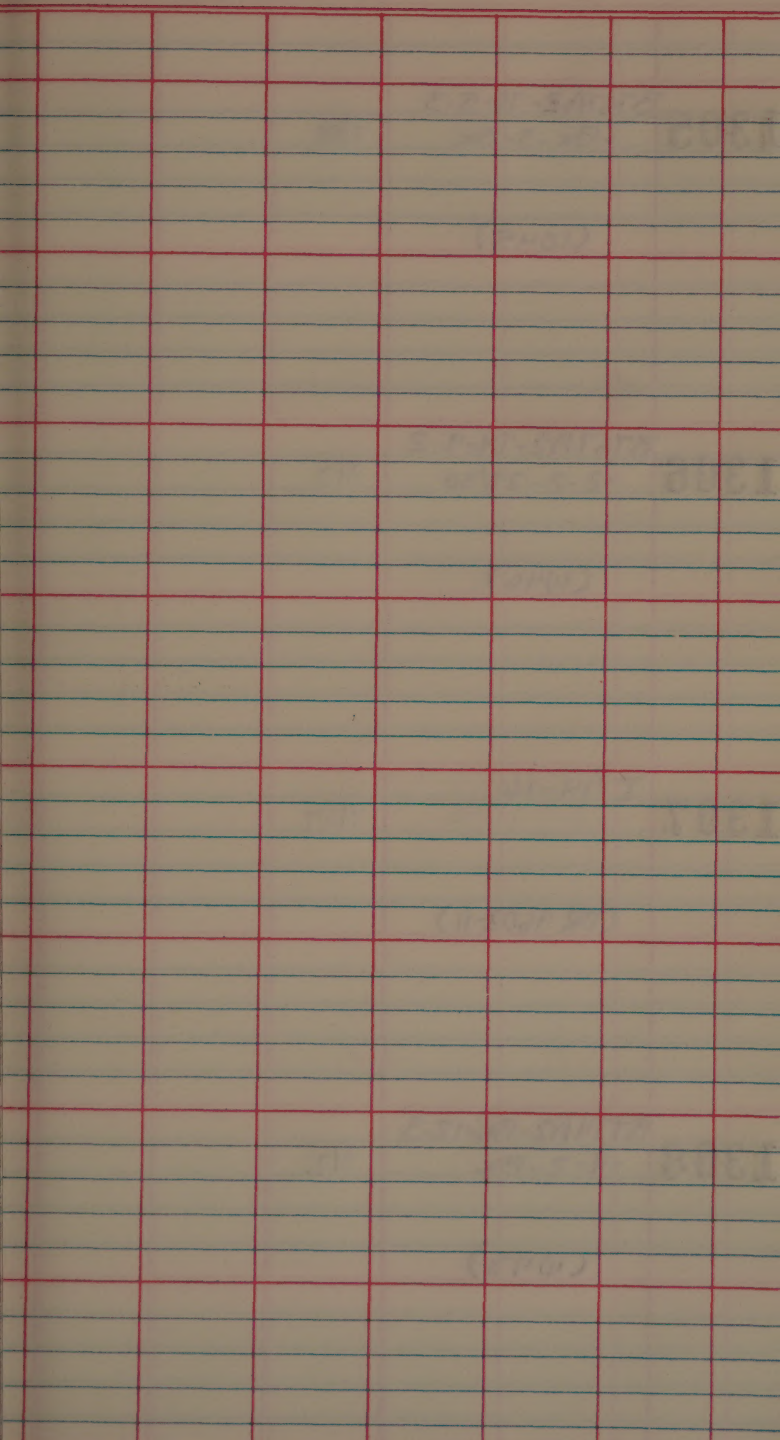
(1043)

1304

I/14-42

8/1

(PR9612-21)



1305 BT67A2-10-5-3
-Bk-3-Bk

7/30

(1045)

1306 BT67A2-74-9-2
-2-2-29/30

8/3

(1046)

1307 I/14-16

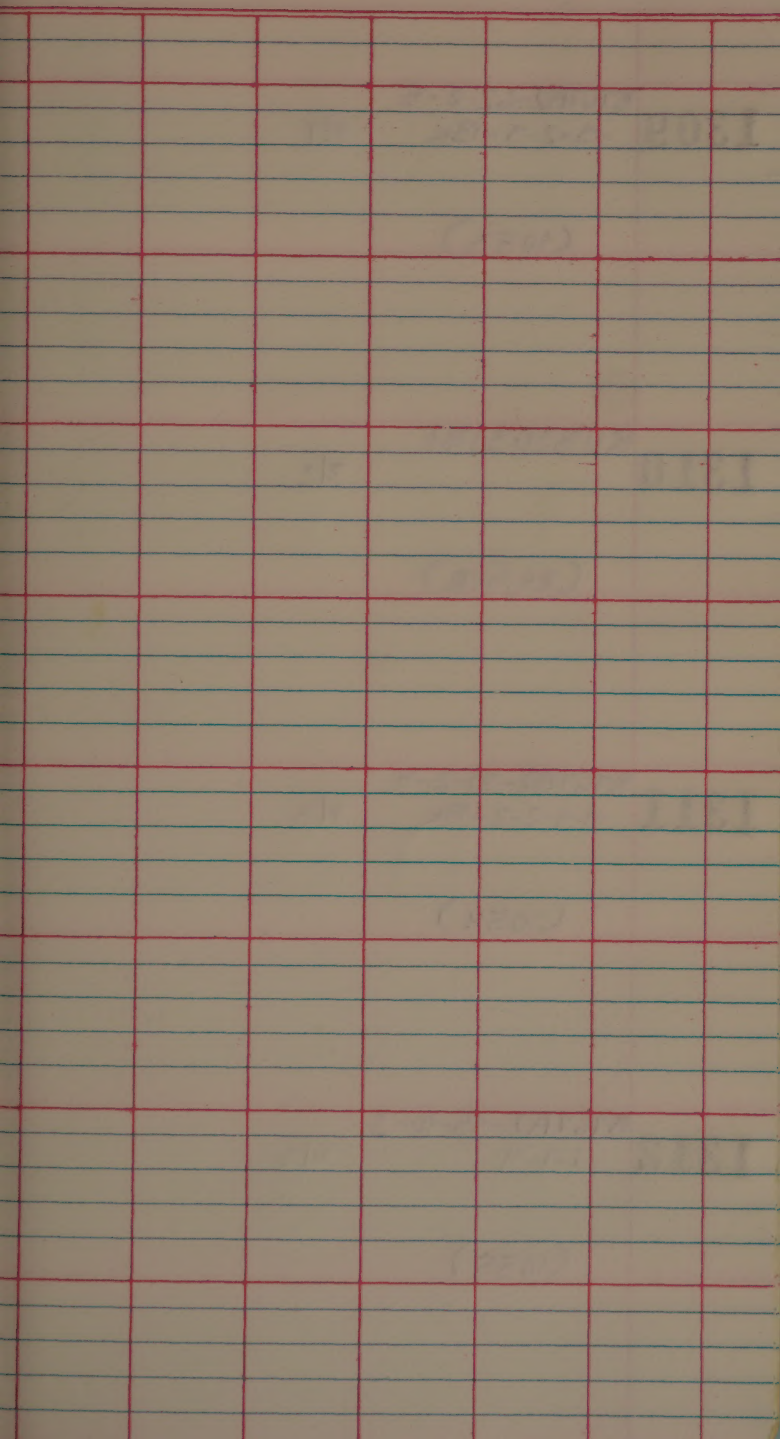
7/27

(PR 9602-11)

1308 BT74A2-Bk-92-3
-4-2-Bk

8/2

(1048)



1309

BTG7A2-62-2-5
-3-2-3-BK

8/7

(1053)

1310

RU8303181

8/2

(84/HR)

1311

BTG7A2-70-2-4
-1-1-2-2-BK

8/3

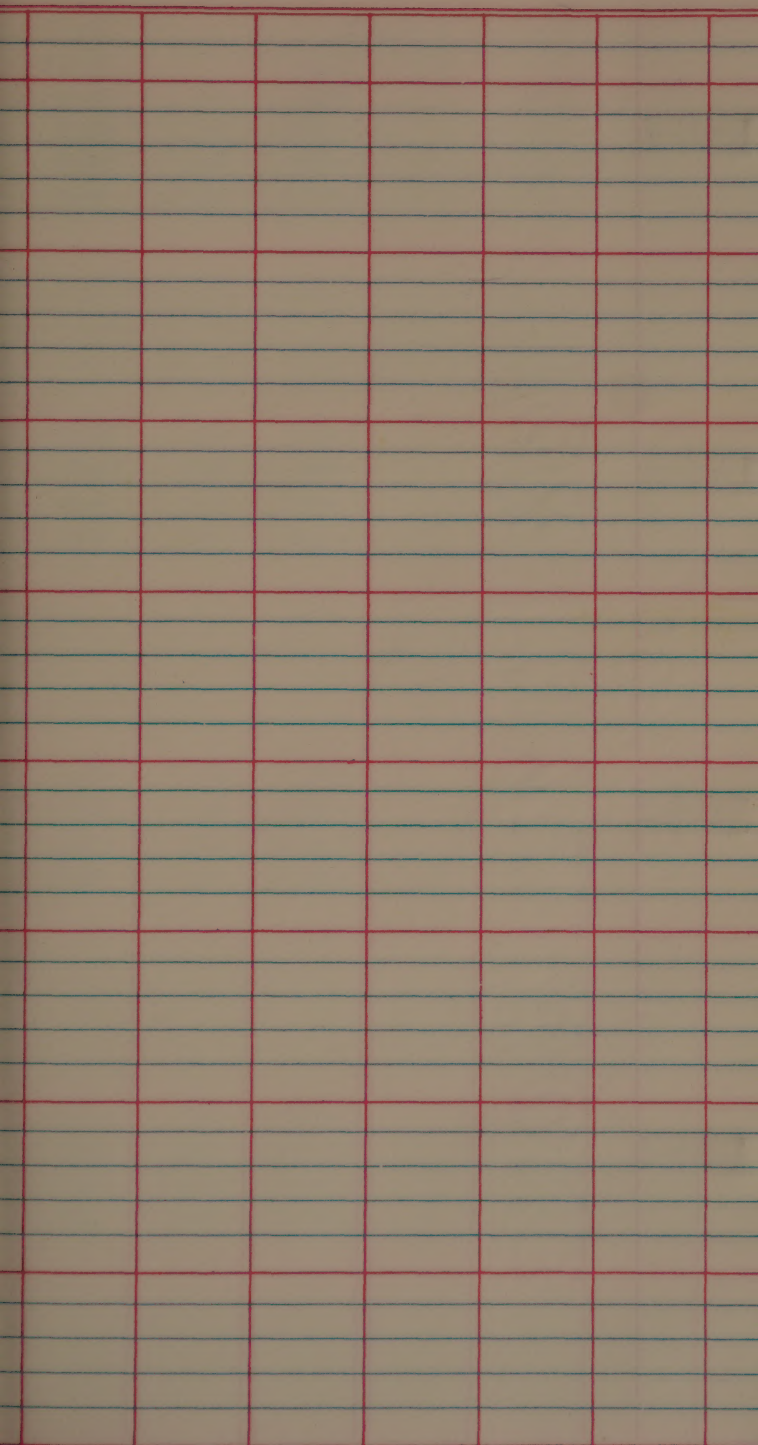
(1054)

1312

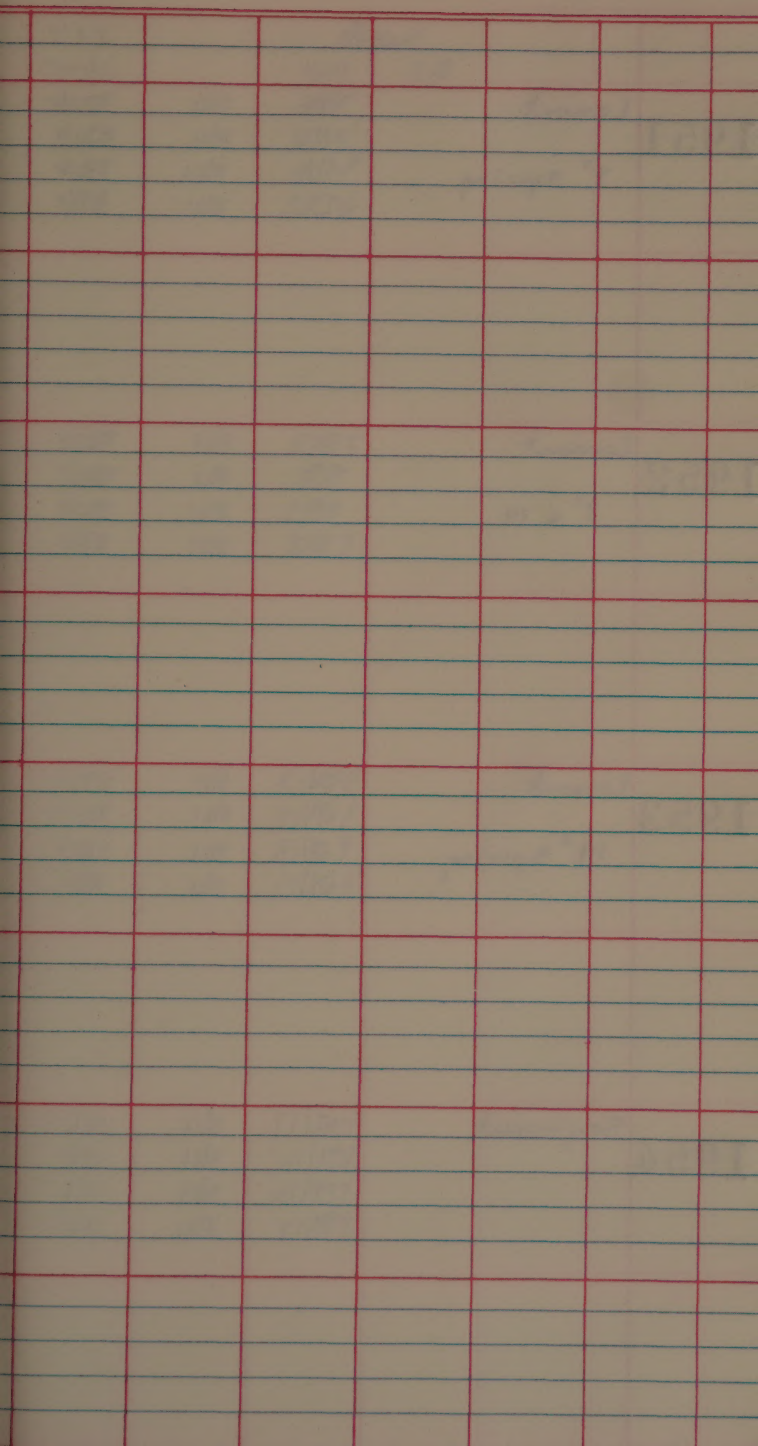
BTG7A2-95-10-3
-1-1-4

8/3

(1055)



[illegible]



Row Spacing Study

1951	Lemont	7/16	8/21	80
		7/18	8/21	83
	7" Spacing	7/18	8/21	84
		7/18	8/21	87
1952	Lemont	7/18	8/21	88
		7/18	8/21	86
	7" & 14"	7/18	8/21	91
		7/18	8/21	87
1953	Lemont	7/18	8/21	87
		7/17	8/21	86
	14" Spacing	7/18	8/21	92
		7/19	8/21	87
1954	Skybarnet	7/17	8/21	114
		7/16	8/21	106
		7/16	8/21	107
		7/17	8/21	113

Row Sp

1951

Lemont

7" Spaci

1952

Lemont

7" & 14"

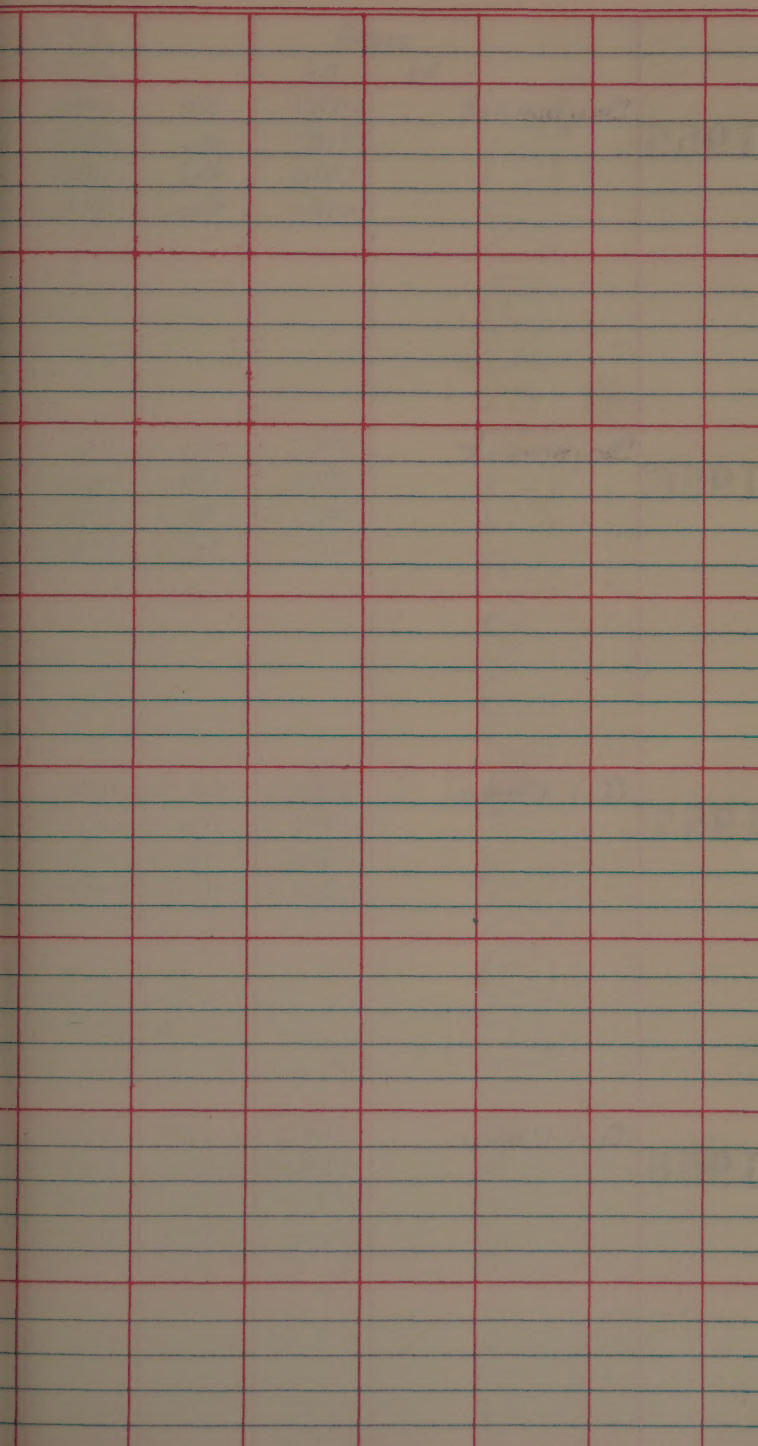
1953

Lemont

14" Spaci

1954

Sky bonnet



1955

Sky bonnet

7/17	8/21	114
7/17	8/21	111
7/18	8/21	114
7/18	8/21	115

1956

Sky bonnet

7/17	8/21	111
7/18	8/21	119
7/18	8/21	114
7/18	8/21	112

1957

Gui Chow

7/27	9/8	100
7/27	9/8	97
7/28	9/8	99
7/28	9/8	96

1958

Gui Chow

7/28	9/8	97
7/28	9/8	98
7/28	9/8	99
7/29	9/8	101

1955

Skybonnet

1956

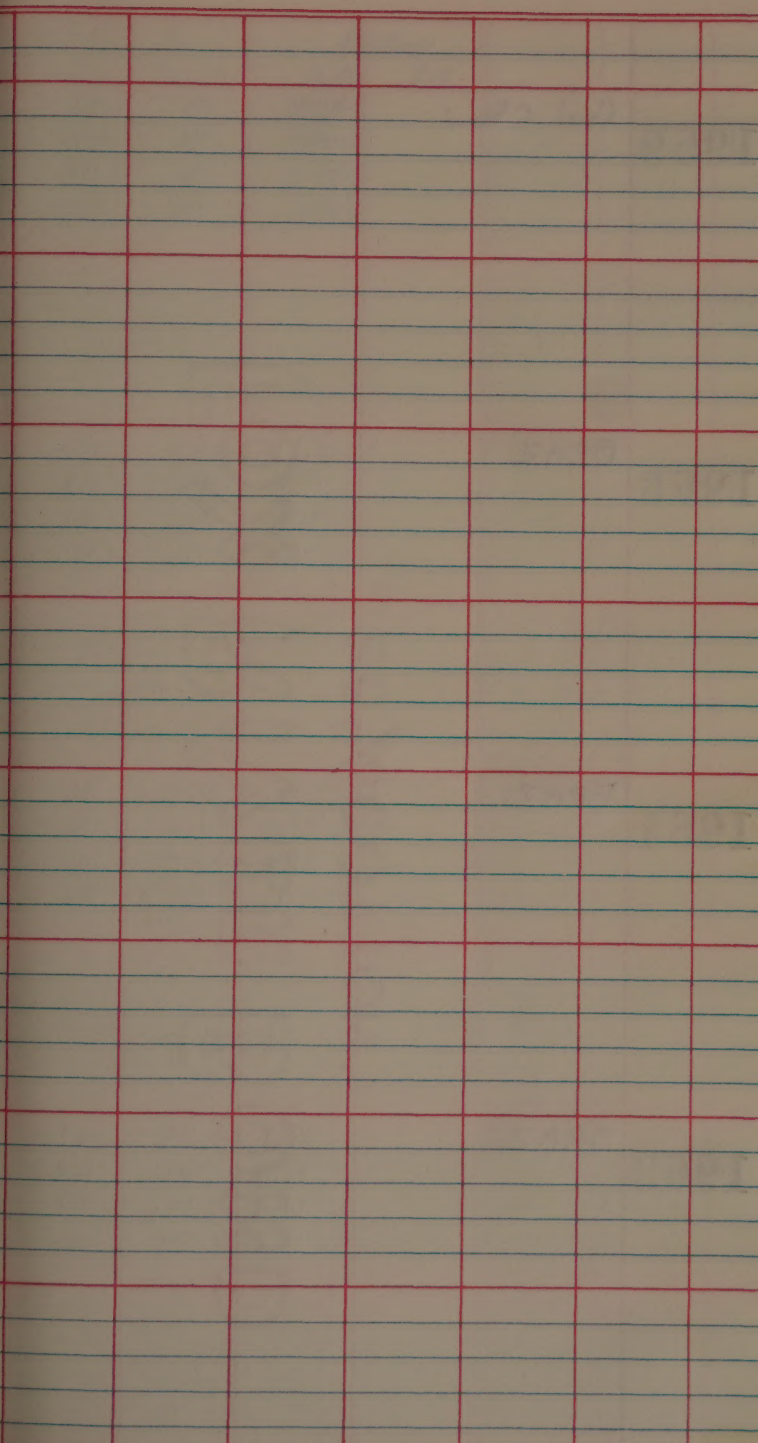
Skybonnet

1957

Gui Chou

1958

Gui Chou



17
1959

Gui Chow

7/29

9/8

97

7/30

9/8

99

7/30

9/8

94

7/31

9/8

100

1960

BRAZ

7/17

8/29

105

7/18

8/29

118

7/18

8/29

111

7/18

8/29

109

1961

BRAZ

7/17

8/29

111

7/18

8/29

112

7/19

8/29

116

7/19

8/29

112

1962

BRAZ

7/19

8/29

119

7/18

8/29

109

7/19

8/29

114

7/18

8/29

106

17
Gul Cho

1959

BRAZ

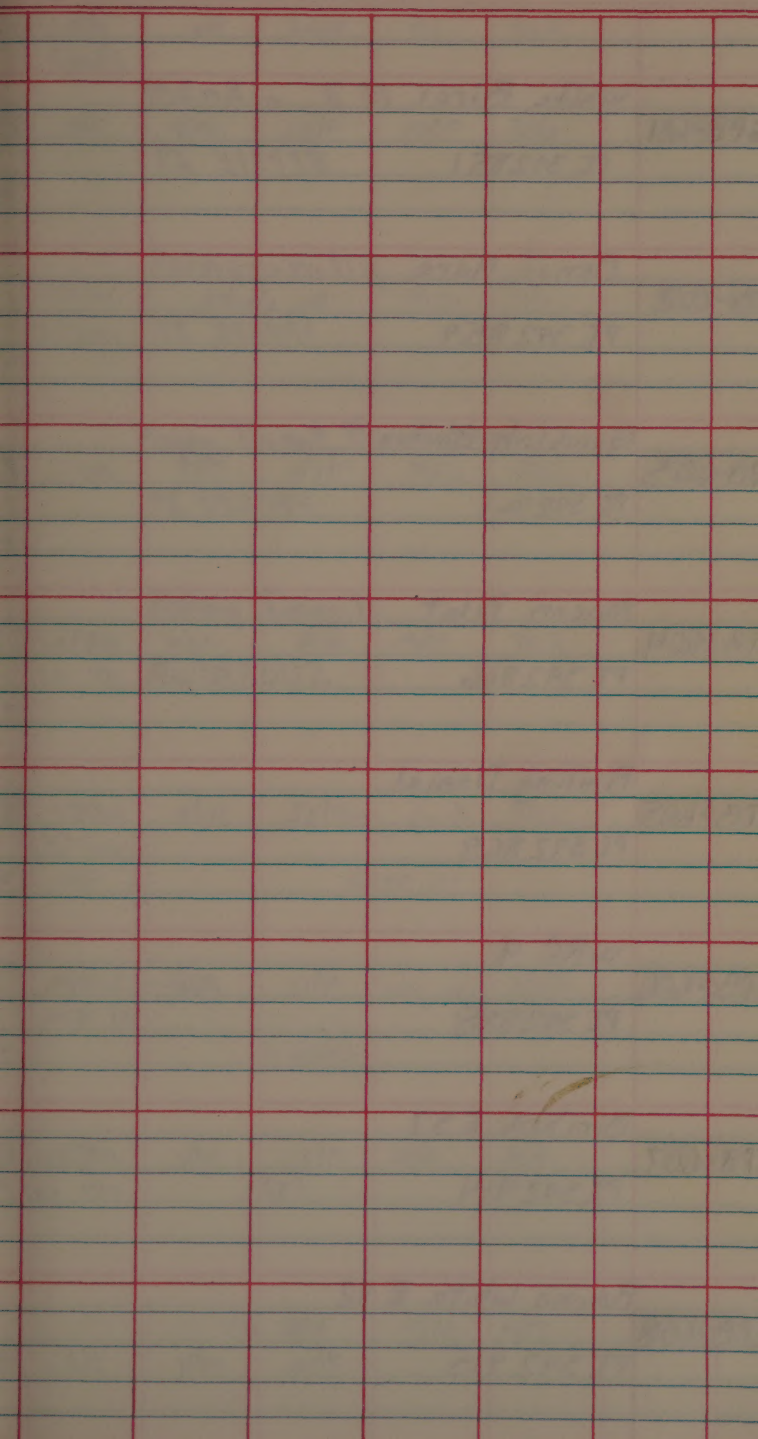
1960

BRAZ

1961

BRAZ

1962



Germplasm Increases for World Collection

		Head	Hv.	Ht. (Large) (cm)	
GPB-601	white Birol PI 392851	9/2	10/16	72	(3) ✓
GPB-602	Oenji Hare PI 392859	No plants			
GPB-603	Gendjah Banten PI 392861	9/22	10/27	141	(7) ✓
GPB-604	Macan Polot PI 392866	10/2	11/10 6 plants	185 (2) 155 (2)	
GPB-605	Piniling Daniel PI 392868	9/22	10/16	140	(5) ✓
GPB-606	WRC 4 PI 392888	9/11	10/16	146	✓
GPB-607	Biribra E 37 PI 392914	9/2 (5)	10/24	122 EARLY 157 LATE	✓
GPB-608	Bawku White E 42 PI 392915	9/30	10/31	160	(9) ✓

	Ht. (cm)	Plt. No.	Hv.	Head	
		Mendi E 31			
(9)	160	PI 392978	10/27	9/30	GPB-609
✓					
		Paraypinilig			
	144 cm		9/26	9/11	GPB-610
(3)	lodge	PI 392991			
✓					
		Pagay Diret Bunkitan			
			9/12	8/15	GPB-611
		PI 392994			
		Paray Dagul			
(9)	157	PI 392002	10/27	9/28	GPB-612
✓					
(9)	113 cm	early plants		9/12	GPB-613
(5)	lodge				
✓	140	LATE PLT.			
✓	141 1 early		early reg.	8/25	GPB-614
	158 (9)			10/17	
		3 plants			
(9)	170		11/6	10/4	GPB-615
✓					
		(0) 154	11/20	10/27	GPB-616

GPB-617	3 plants	8/19	9/18	113 cm lodge (3)	✓
GPB-618	1 plant	10/10	11/20	122	(0)
GPB-619		9/28 10/10 MGT	10/21	158 Lgt	✓
GPB-620		9/22	10/16	151 Lodged	(9) ✓
GPB-621		10/10	11/17	165	(7)
GPB-622		11/5 NO SEED SET		117	(9)
GPB-623		9/21	10/31	149	✓
GPB-624		9/27	10/31	156	(7) ✓

168

10/31

10/11

GPB-625

No plants

GPB-626

No plants

GPB-627

1 plant

GPB-628

No plants

GPB-629

No plants

GPB-630

(0) 117

11/20

10/22

GPB-631

3 plants

(0) 155

11/20

10/15

GPB-632

1 plant

GPB-633		10/13	11/20	147	(5)
	4 plants				
GPB-634		No plants			
GPB-635		10/10	11/10	152	(7)
GPB-636		10/6	11/10	170	(8)
GPB-637		No plants			
GPB-638	Early plant	9/20 10/7	11/10	118 172	(9)
GPB-639	procreant (Only 2 plants) One is lying, mgt; one glaucous lgt; upright	8/28	9/26	163 cm 79 cm lodged (1)	
GPB-640		10/4	10/31	174	(9)

No plants

GPB-641

(5) 148

10/27

9/23

GPB-642

(7) 175

11/6

10/3

GPB-643

No plants

GPB-644

(0) 131

3 plants

10/27

GPB-645

No plants

GPB-646

(5)

165

11/10

10/9

GPB-647

No plants

GPB-648

GPB-649	3 plants	10/8	11/6	168	(7)
GPB-650		9/24	10/27	155	(5)
GPB-651	No plants				
GPB-652	EARLY Only 2 plants 2 DIFF. VAR.	9/7	10/10	144	✓
GPB-653		8/21	early plant	172	✓
		10/4	LATES 11/6	172	(9)
GPB-654	No plants				
GPB-655		10/5		182	(9)
GPB-656		10/15	11/20	125 175	(9)

No plants

GPB-657

No plants

GPB-658

11/5

No Seed SET

GPB-659

(0) 90

6/20

GPB-660

(0) 89

6/20

GPB-661

89 cm

10/10

8/18

GPB-662

3 plants

160

10/31

9/20

GPB-663

124

11/6

9/29

GPB-664

GPB-665

5 plants

8/29 ^{10/27} early plant

11/10

✓

9/30 LATE PLANTS ^{11/10}

138

GPB-666

1 plant

10/11

11/20

140 (9) ✓

GPB-667

9/6

10/10

93 (0)

1 PLANT

1ST FL.

✓

LATE TILLERS

GPB-668

9/24

10/31

129

GPB-669

10/4

11/10

165

(9)

Lodging (9)

GPB-670

9/21

11/10

175 (9) ✓

GPB-671

9/27

✓

170 (9)

✓

GPB-672

10/9

✓

168

(9)

			Hv	Head	
87 cm lodge (3)			9/26	7/31 Early 8/25 late	GPB-673
	(9)	163	10/21	9/24	GPB-674
	(9)	160	10/21	9/26	GPB-675
	(7)	154	11/17	10/16	GPB-676
	(5)	155	11/6	10/1	GPB-677
		160	10/27	9/26	GPB-678
	(3)	139	10/16	9/16	GPB-679
	(0)	137	10/16	9/17	GPB-680

(GPB-681	9/26	11/6	138 (9)
(GPB-682	10/1	1/6	152 (9)
(GPB-683	9/14		150
50 PLANTS			
(GPB-684	8/31	9/26	126 cm lodge (5)
(GPB-685	8/17	9/18	142 cm lodge (9)
(GPB-686	9/16	10/16	130 (5)
(GPB-687	± 8/1	9/4	
(GPB-688	9/26	10/17	120 cm (6)

(0) 115cm 10/21 7/24 GPB-689

(9) 151 11/10 10/10 GPB-690

(9) 180 10/31 9/30 GPB-691

(9) Early summer 8/22 GPB-692

(9) 756 10/20

(7) 136 10/10 GPB-693

(0) 93 11/6 9/27 GPB-694

No food Set 11/5 GPB-695

9/14 7/25 GPB-696

GPB-697

7/25

9/4

GPB-698

7/26

9/4

GPB-699

7/26

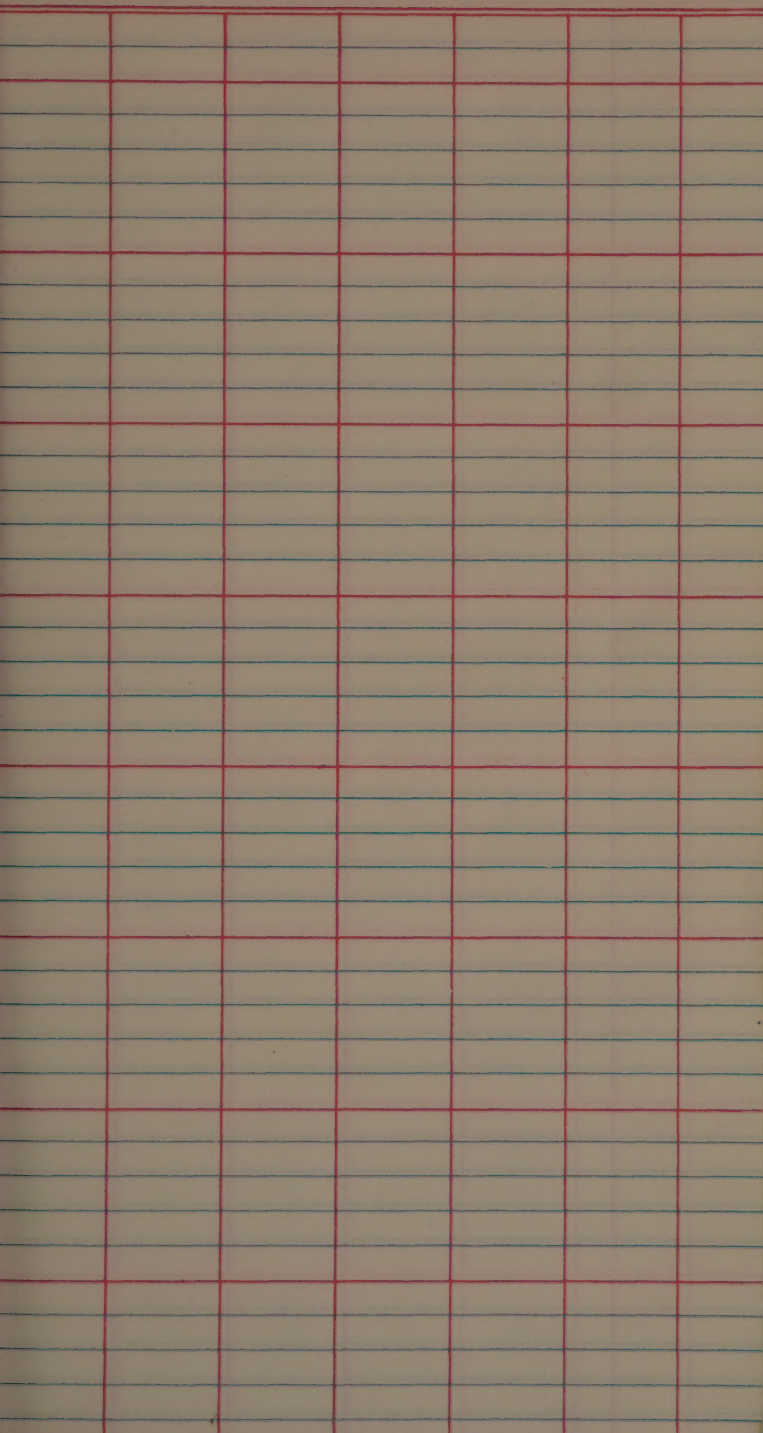
9/4

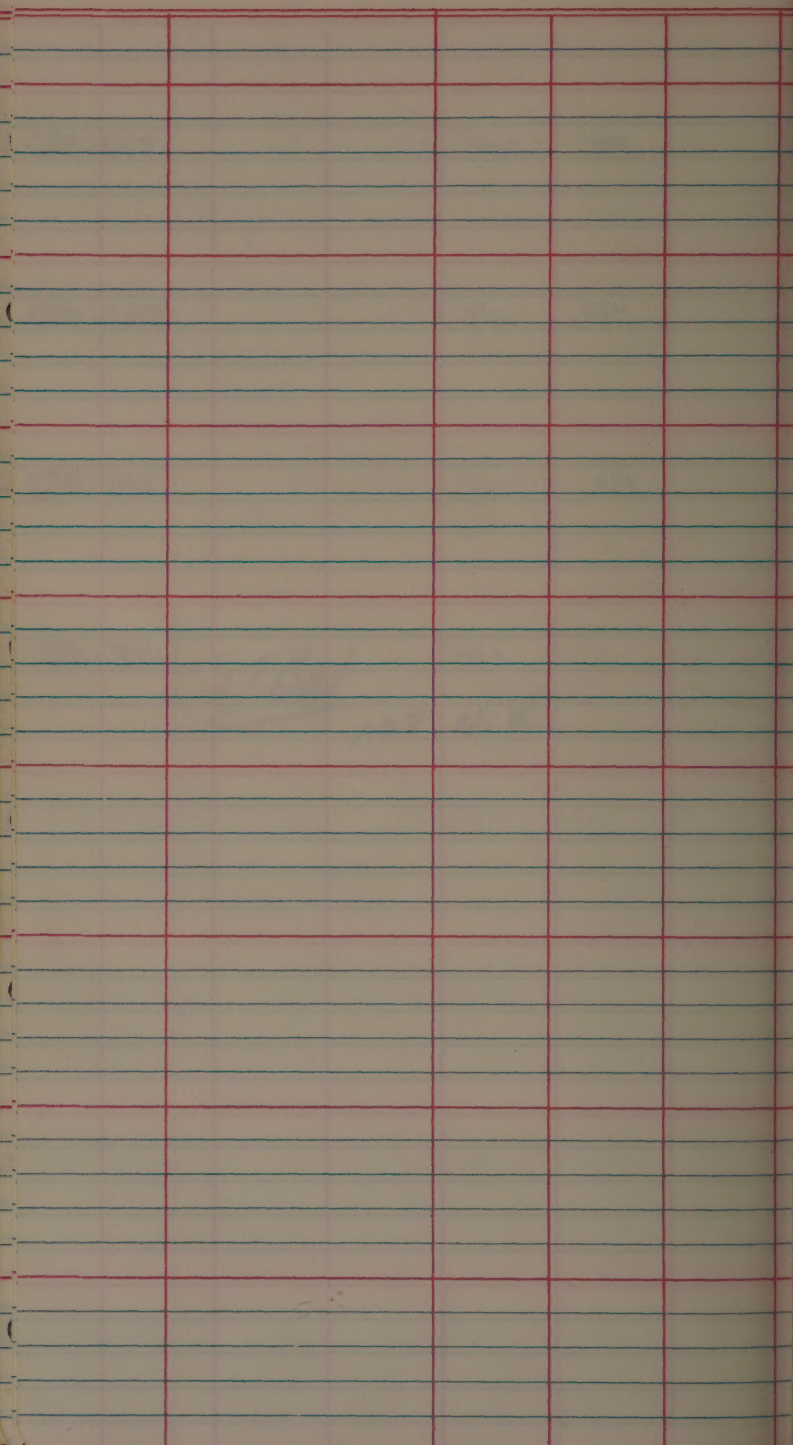
GPB-700

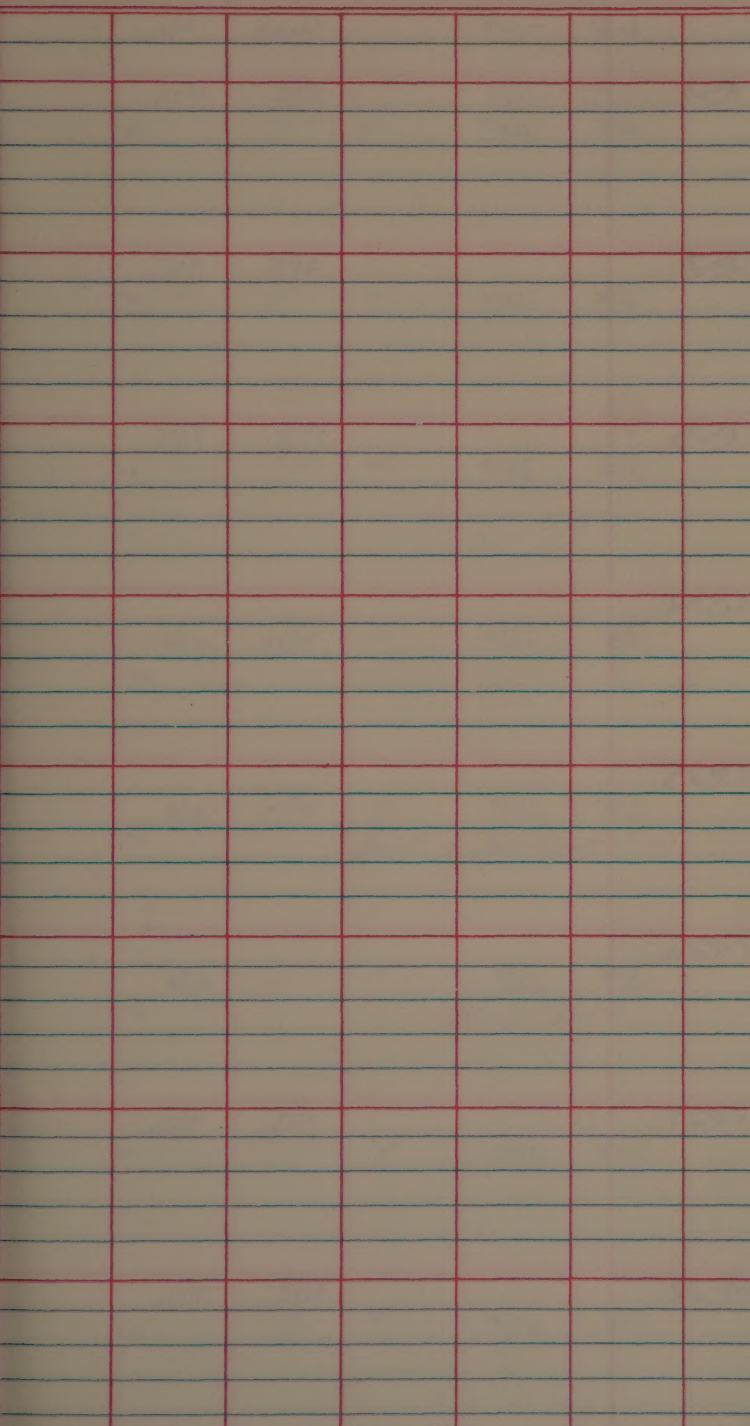
STBN

8/13

NOT H/d







Colorado State Univ. Regenerated Lines

		Head	Hv.	
C-1		8/12	9/26 ✓	
C-2		8/15	9/26 ✓	
C-3		8/13	9/26 ✓	
C-4		8/13	10/10 ✓	
C-5	Saniduroff & dwarf	8/13	10/10 ✓	
C-6	all dwarf		10/10 ✓	
C-7		8/13	9/26 ✓	
C-8		8/12	9/26 ✓	

C-17

8/13

9/26

✓

C-18

8/13

9/26

✓

C-19

8/13

10/10

✓

all dwarfs

C-20

8/11

9/26

✓

C-21

8/12

9/26

✓

C-22

8/13

10/10

✓

all dwarfs

C-23

8/15

10/10

✓

C-24

9/6

10/16

✓

C-25

✓

10/16

9/10

C-26

✓

10/16

9/11

C-27

✓

10/21

9/13

C-28

✓

10/21

9/13

C-29

✓

10/21

9/14

C-30

✓

10/20

9/11

C-31

✓

10/16

9/6

C-32

✓

10/16

9/13

C-33

9/5

✓

C-34

9/8

✓

C-35

9/5

✓

C-36

None

C-37

9/7

✓

C-38

9/6

✓

C-39

9/6

✓

C-40

9/7

✓

C-41

✓

9/6

C-42

✓

10/16

9/8

C-43

✓

10/16

9/7

C-44

✓

10/16

9/8

C-45

✓

10/16

9/5

C-46

✓

10/16

9/13

C-47

✓

10/16

9/9

C-48

✓

10/16

9/9

C-49

9/7

10/16

✓

C-50

9/11

10/16

✓

Only 2 plants

C-51

9/12

10/16

✓

C-52

9/16

10/16

✓

Only 2 plants

C-53

9/7

10/16

✓

C-54

9/5

10/16

✓

C-55

9/5

10/16

✓

C-56

9/7

10/16

✓

C-57

✓

10/16

9/4

C-58

✓

10/16

9/2

C-59

✓

10/16

9/5

C-60

✓

10/16

9/8

C-61

✓

10/16

9/4

C-62

✓

10/16

9/4

C-63

✓

10/16

8/27

Variable heading

C-64

✓

10/16

9/8

C-65

9/11

10/16

✓

C-66

8/28

10/16

✓

C-67

9/12

10/16

✓

C-68

9/12

10/16

✓

C-69

9/12

10/16

✓

C-70

9/11

10/16

✓

C-71

8/16

9/26

✓

C-72

8/16

9/26

✓

			✓	10/10	8/25	C-73
			✓	10/10	8/25	C-74
			✓	10/21	9/25	C-75
						C-76
						C-77
						C-78
						C-79
						C-80

Sun scald disease

MISSED FIRST SHIPMENT

Sun scald

Sun scald

Sun scald

Sun scald

Sun scald

C-81		9/20	10/21	✓
	Sun scald			
C-82		10/24	11/19	
C-83		10/24	11/19	
C-84		10/27	11/19	
C-85		10/27	11/19	
C-86		10/27	11/19	
C-87		10/27	11/19	
C-88		10/27	11/19	

C-89

11/19

10/27

C-90

✓

hvd

9/29

C-91

11/10

10/4

C-92

11/19

10/24

C-93

11/19

10/24

C-94

11/19

10/27

C-95

✓

10/10

8/12

C-96

✓

10/10

8/12

Contains some true dwarf

C-97

9/10

10/16

✓

C-98

9/3

10/16

✓

C-99

9/21

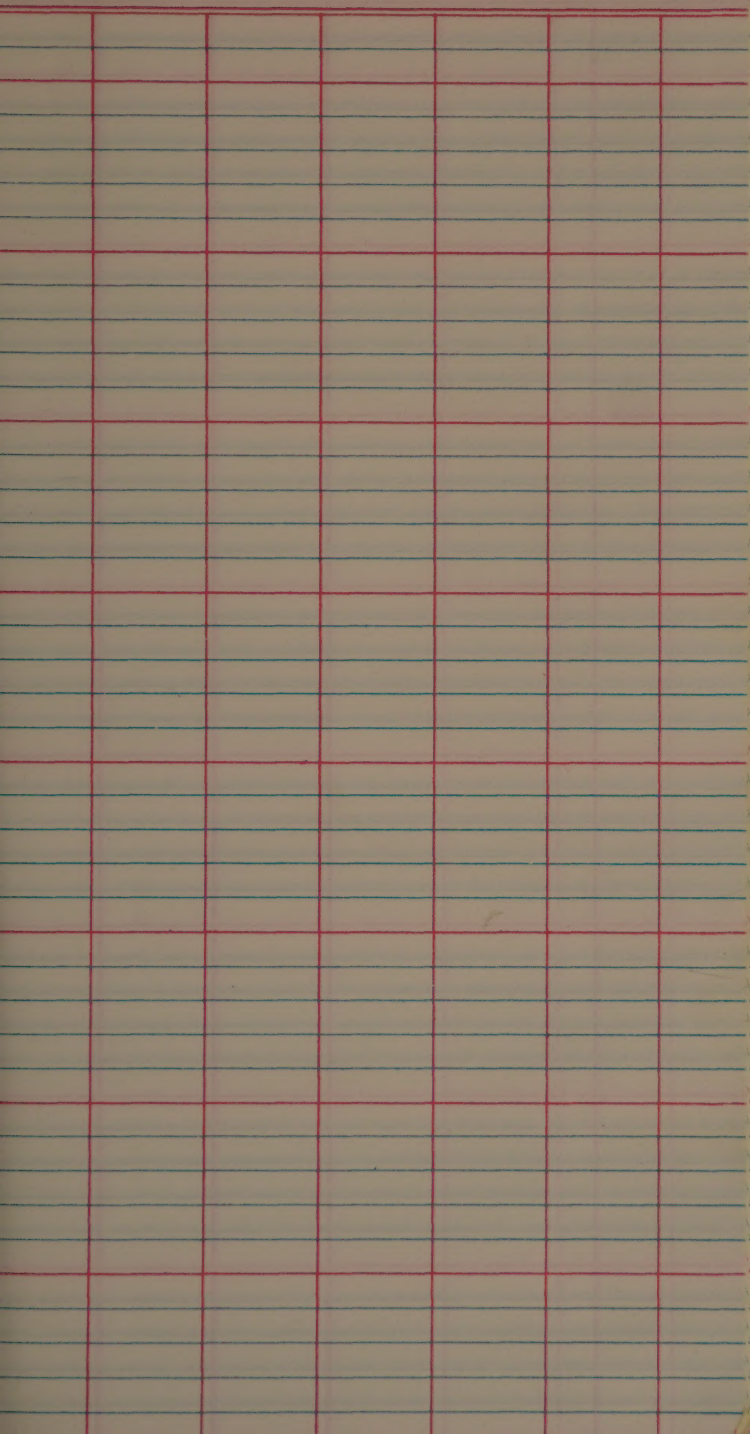
10/16

✓

C-100

10/24

11/2



C642A =

C612A =

C623A =

C611A =

B7710A =

B7725A =

C667A =

C622A =

C610A =

C611A = 604A

B767A =

7/18 7/19 7/20 7/21 7/22 7/23 7/24 7/25 7/26 7/27 7/28 7/29 7/30 7/31

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

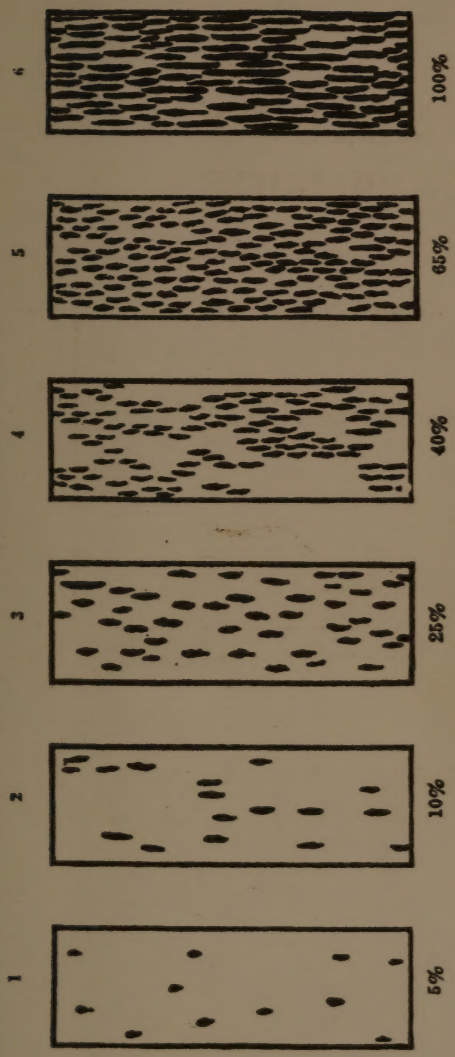


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

SNP Group I

Seeded 4/18/86

		Heading	Hv.	Plant Ht.
501	B8131A4-BK-27-1 -1-BK	7/7	8/8	94
H/d border	(18912-14)			
502	B8131A4-BK-27-3 -3-BK	7/11	8/12	93
	(18917-19)			
		UHM UF		
	Very good			
503	B8131A4-BK-27 -4-8	7/10	8/12	95
	(2672)			
504	LEAH	7/13	8/15	96
	(35)			

RATON

GM/LOT LB/P

398 2048

505

B8131A4-BK-35
-1-6

7/9

8/8

93

Hv'd border

(2681)

506

B8131A4-BK-35
-4-2-BK

7/8

8/8

92

Hv'd border

(18932-34)

507

NWBT

7/15

8/21

107

(AR Fd)

508

B8131A4-BK-40
-4-3-BK

7/8

8/8

73

Hv'd border

(18944-46)

RA 700N

GM

LB/A

432 2222

485 2495

361 1857

509

B8131A4-BK-65
-2-2-BK

7/5

8/8

75

Hv'd border

(18958-61)

510

B8131A4-BK-66
-1-3-4

7/7

8/8

92

Hv'd border

511

LMNT

7/11

8/12

83

(BR)

512

B8131A4-BK-66
-5-1-BK

7/7

8/8

89

Hv'd border

(18969-71)

RATOON

GM

LB/A

433 2228

434 2233

400 2058

513

B8131A4-BK-68
-3-1-5

7/10

8/12

86

Hv'd border

(18978)

514

B8131A4-BK-74
-5-3-BK

7/7

8/8

86

Hv'd border

(18980-82)

515

CB-801

7/21

8/25

(952)

516

B8131A4-BK-75
-2-2-BK

7/12

8/12

78

Hv'd border

(18984-87)

Excellent dup

UHM
VUF

RA Toon

GM

2B/A

444 2284

343 1765

331 1703

517 BS131A4-Bk-88
-3-5

7/16

8/15

76

Hv'd border

(2798)

Excellent druf

UHM

VUF

87/196

518 BS131A4-Bk-91
-4-5

7/14

8/12

94

Hv'd border

(2813)

519 L-202

7/3

8/6

77

(Border)

520 BS131A4-Bk-103
-2-1-4

7/7

8/6

97

Hv'd border

(19007)

RATOON

Gm 26/11

268 1379

330 1698

301 1549

521

B8131A4-BK-111
-3-2-BK

7/7

8/8

92

Hv'd border

(19010-12)

522

B8131A4-BK-111
-5-2-BK

7/15

8/15

93

Hv'd border

(19016-18)

523

B8131A4-BK-115
-5-2-1

7/8

8/8

76

Hv'd border

(19019)

Excellent surf; some
lt var.?

524

B8131A4-BK-134
-1-1

7/5

8/8

75

Hv'd border

(1095)

RATON

GM LB/A

361 1857

293 1507

314 1615

336 1729

525

B8131A4-BK-136
-2-1-BK

7/6

8/6

91

(19046-48)

526

B8131A4-BK-160
-1-2-BK

7/6

8/8

80

Hv'd border

(19078-80)

527

B8131A4-BK-177
-4-5

7/9

8/12

72

Hv'd border

(2963)

UHM
VUF

528

B8131A4-BK-179
-2-BK

7/15

8/15

71

Hv'd border

(2967-70)

UHM

RATON	
GPM	LB/H.

424	218
-----	-----

337 1734

285	1466
-----	------

529

B8131A4-BK-187

-1-1-BK

7/6

8/8

82

Hv'd border

(19082-86)

530

B8131A4-BK-187

-1-2-3

7/4

8/6

80

Hv'd border

(19089)

UHM

531

B8131A4-BK-187

-3-1-5

7/5

8/6

82

Hv'd border

(19096)

UHM

532

B8131A4-BK-189

-5-6

7/9

8/12

81

Hv'd border

(2990)

Some lt. var.

RATOON
GM LB/A.

353 1816

395 2032

332 1708

399 2053

533

B8131A4-Bk₂-3

-6

7/8

8/12

90

Hv'd border

(3020)

534

B8131A4-Bk₂-4

-Br

7/9

8/8

94

Hv'd border

(3025-27)

535

B8131A4-Bk₂-9

-6

7/8

8/8

94

(3031)

536

B8131A4-Bk₂-22

-7-2

7/8

8/12

93

(3058)

more var. lit.

RAFOON

GM

LB/A

295

1518

426

2192

537	B8131A4-Bk ₂ -23 -2-2	7/3	8/6	92
-----	-------------------------------------	-----	-----	----

(19129)

538	B8131A4-Bk ₂ -25 -5	7/7	8/8	97
-----	-----------------------------------	-----	-----	----

(3066)

539	B8131A4-Bk ₂ -32-7	7/4	8/6	106
-----	----------------------------------	-----	-----	-----

(3084)

540	B8131A4-Bk ₂ -37 -2-3	7/9	8/8	96
-----	-------------------------------------	-----	-----	----

Hv'd border

(19156)

RATOON

GM

LB/A

370

1904

541

B8131A4-Bk₂-40
-2-4

7/9

8/8

99

(19162)

542

B8131A4-Bk₂-48
-7

7/9

8/8

99

(3130)

543

B8131A4-Bk₂-49
-2-5

7/6

8/6

92

(19189)

544

B8131A4-Bk₂-53
-2-3

7/7

8/8

92

Hv'd border

(19192)

RATON
GM LB/p

485 2495

545

B8131A4-Bk₂-63
-5

7/7

8/8

95

Hv'd border

(3159)

546

B8131A4-Bk₂-64
-5

7/8

8/8

89

Hv'd border

(3164)

UHM
VUF

547

B8131A4-Bk₂-71
-3-2

7/14

8/15

98

(19219)

548

TBNT

7/1

8/6 90-105

(AR Fd)

Ratton

GM

LB/A.

169

869

338

1739

549

B8131A4-Bk₂-78

-2-1

7/5

8/6

92

Hv'd border

(19224)

550

B8131A4-Bk₂-89

-6

7/13

8/12

96

Hv'd border

(3191)

551

LBNT

7/8

8/8

104

(36)

552

B8131A4-Bk₂-108

-3

7/7

8/12

94

(118)

Pubescent!

mgt

Wrong ID

Probably NKNG!

RA Foot

GM.

LB/A.

280

1440

214

1101

553

B8131A4-Bk₂-109

-1-4

7/6

8/6

85

Hu'd border

(19259)

UHM

VUF

554

B8131A4-Bk₂-120

-6

7/15

8/18

104

(3255)

555

SKBT

7/6

8/6

105

(BR)

556

B8131A4-Bk₂-122

-6

7/7

8/6

89

Hu'd border

(3260)

RATON	
GM.	LB/A

GM.

LB/A

284	1461
-----	------

277	1425
-----	------

81
557B8131A4-Bk₂-137

-3-Bk

7/6

8/6

84

Hv'd border

(19289)

UHM

558

B8131A4-Bk₂-157

-1-Bk

7/3

8/6

89

(19311)

UHM

559

LBLE

7/1

8/6

102

(Br)

560

B8131A4-Bk₂-158

-8

7/7

8/8

101

Hv'd border

(3329)

RATON

GM

LB/A

342 1759

0

254 1307

561	BS131A4-Bk ₂ -164 -6	7/5	8/6	97
-----	------------------------------------	-----	-----	----

(3342)

562	BS131A4-Bk ₂ -167 -6	7/7	8/6	90
-----	------------------------------------	-----	-----	----

(3347)

563	BS131A4-Bk ₂ -177 -3-2	7/5	8/6	98
-----	--------------------------------------	-----	-----	----

(19343)

564	BS131A4-Bk ₂ -184 -6	7/6	8/6	75
-----	------------------------------------	-----	-----	----

Hv'd border

(3370)

Many tall, seq.
rogged
clamber leaves!

RAFOON	
GM.	LB/P

64.

LB/17

282

1451

565 B8131A4-Bk₂-194
-3-BK 7/6 8/8 88

Hv'd border

(19363)

UHM

566 B8131A4-Bk₂-205
-2-5 7/4 8/6 97

(19375)

UHM

567 B8131A4-Bk₂-211
-8 7/14 8/12 88

Hv'd border

(3408)

568 B8131A4-Bk₂-214
-BK 7/14 8/12 79

Hv'd border

(3410-12)

R4700N

GM.

LB/A.

223

1147

96

494

212

1091

569	B8131A4-Bk ₂ -221 -8	7/15	8/18	109
-----	------------------------------------	------	------	-----

(3429)

Tall normal

570	B8131A4-Bk ₂ -232 -6	7/17	8/18	
-----	------------------------------------	------	------	--

Hv'd border

(3442)

VUF

Excellent plant;
wide flange
late

571	B8131A4-Bk ₂ -241 -8	7/13	8/15	105
-----	------------------------------------	------	------	-----

(3449)

572	B8131A4-Bk ₂ -276 -2-BK	7/5	8/6	96
-----	---------------------------------------	-----	-----	----

(19409-11)

RAT on
GM 16/11

156 803

573 B8131A4-Bk₂-278
-5

7/14

8/15

104

(3478)

574 B8131A4-Bk₂-306
-2-2

7/15

8/16

92

(19435)

UHM

575 B8131A4-Bk₂-311
-1-4

7/14

8/16

92

(19453)

UHM

576 B8131A4-Bk₂-320
-1-Bk

7/19

8/18

88

Hv'd border

(19460-64)

VUF

RATON
GM LB/A

172 885

577 BB131A4-Bk₂-329
-3-4 7/5 8/6 97

(19482)

UHM

578 BB131A4-Bk₂-340
-7 7/15 8/15 94

(3567)

Long leafy flaps

DT

579 BB131A4-Bk₂-358
-2 7/5 8/6 98

(1080)

580 BB131A4-Bk₂-364
-2-3 7/7 8/6 94

(19503)

581

B8131A4-Bk₂-365
-1-BK

7/7

8/8

92

(19507)

Variable lt

582

B8131A4-Bk₂-370
-7

7/5

8/6

71

Hv'd border

(3613)

Good plant

VUF

Ds

583

B8131A4-Bk₂-373
-1-BK

7/5

8/8

92

(19510)

more variable?

584

B8131A4-Bk₂-376
-2-2

7/3

8/6

93

(19518)

RATON
GM LB/M

343 1765

08
585B8131M4-Bk₂-384
-1-2

7/4

8/6

88

(19532)

586

NWRX

7/5

8/8

98

(158)

587

RU8601021

7/9

8/25

100

(AR)

588

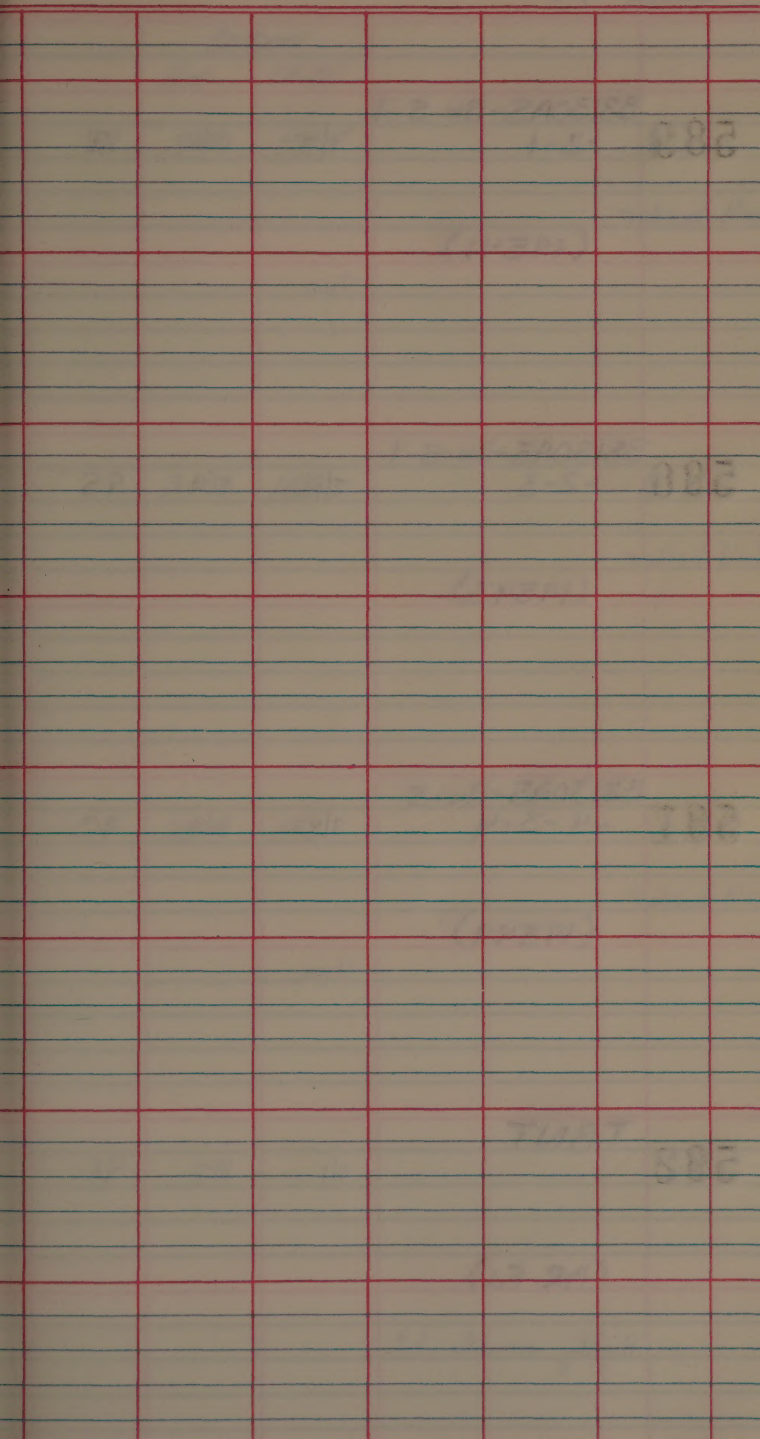
RXMT

7/7

8/8

79

(BR)



SNP Group II

Seeded 4/18

589	B8130A5-Bk-5-1 -2-1	7/7	8/8	88
-----	------------------------	-----	-----	----

Hv'd border

(19541)

UHM

590	B8130A5-Bk-5-1 -2-3	7/10	8/12	95
-----	------------------------	------	------	----

Hv'd border

(19543)

591	B8130A5-Bk-5 -4-3-4	7/8	8/8	93
-----	------------------------	-----	-----	----

Hv'd border

(19549)

UHM

592	TBNT	7/1	8/7	91
-----	------	-----	-----	----

(DR Fd)

Highly variable lit.

RATOON

GM LB/A

343 1765

327 1682

294 1513

593	B8130A5-Bk-6-3 -8	7/11	8/15	96
-----	----------------------	------	------	----

(3775)

594	B8130A5-Bk-15 -5-2-Bk	7/4	8/7	90
-----	--------------------------	-----	-----	----

(19559-60)

595	B8130A5-Bk-34 -1-2-Bk	7/6	8/7	90
-----	--------------------------	-----	-----	----

Hard border

(19573-74)

596	LBLE	7/2	8/7	107
-----	------	-----	-----	-----

(BR)

Raton
GM LB/H

316 1626

597

B8130A5-Bk-35
-4-4

7/11

8/15

98

(3816)

598

B8130A5-Bk-38
-1-3-BK

7/6

8/7

98

(19578)

599

B8130A5-Bk-42
-3-7

7/4

8/7

101

(3835)

600

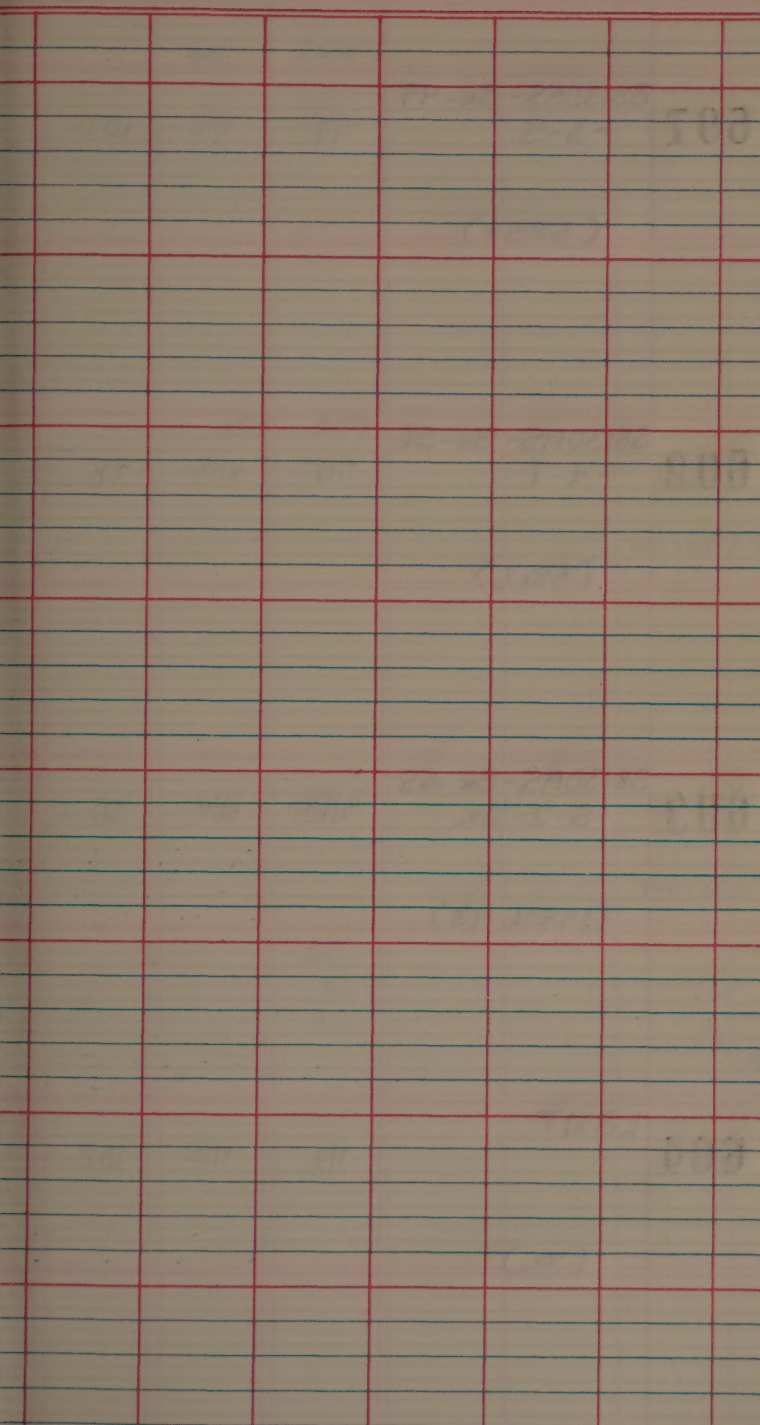
SKBT

7/6

8/8

106

(BR)



601	B8130A5-Bk-49 -3-5	7/9	8/12	101
-----	-----------------------	-----	------	-----

(3854)

602	B8130A5-Bk-56 -4-7	7/11	8/12	98
-----	-----------------------	------	------	----

Hv'd border

(3866)

603	B8130A5-Bk-65 -5-2-Bk	7/12	8/12	80
-----	--------------------------	------	------	----

Hv'd border

(19596-98)



86/153

UHM
HF
dwf

604	LBNT	7/9	8/12	108
-----	------	-----	------	-----

(36)

RATON

GM

LB/17

153 787

310 1595

605

B8130A5-BK-85
-4-2-BK

7/8

8/8

93

Hv'd border

(19619-23)

VUF

UHM

606

B8130A5-BK-90
-5-6

7/14

8/15

97

(3921)

Too leafy

607

B8130A5-BK-91
-2-1-BK

7/7

8/7

98

Hv'd border

(19631-32)

UHM

608

NWBT

7/14

8/21

109

(AR Fd)

RATON

GM LB/A

334 1718

363 1867

609

B8130A5-Bk-91-5
-2-2

7/7

8/7

96

Hv'd border

(19636)

UHM

610

B8130A5-Bk-133
-2-6

7/12

8/12

97

(3979)

Leafy

611

B8130A5-Bk-143
-2-4

7/7

8/7

83

Hv'd border

(4007)



Cleaner leaves

612

B8130A5-Bk-161
-5-1-1

7/4

8/7

93

(19701)

Severe Co.

RATON

GM

LB/A.

354

1821

199

1024

613 B8130A5-BK-166
-2-BK

7/7

8/7

96

Hv'd border

(4059-62)

614 B8130A5-BK-190
-4-5

7/15

8/15

99

Hv'd border

(4091)

615 B8130A5-BK-195
-5-2-3

7/4

8/7

97

(19745)

616 B8130A5-BK-204
-1-2

7/6

8/7

79

Hv'd border

(20092)

Very good but
more false lines!

RATON

G11

LB/A.

345

1775

299

1538

617

B8130A5-Bk-204
-4

7/7

8/8

89

(4784)

618

B8130A5-Bk-224
-3-4

7/6

8/7

85

Hv'd border

(20104)

619

B8130A5-Bk-253
-1-4

7/6

8/7

85

Hv'd border

(20128)

620

B8130A5-Bk-254
-1-Bk

7/5

8/7

92

(20131)

Ratoon

GM

LB/D

291 1497

353 1816

621

B8130A5-Bk-291

-1-3

7/11

8/12

81

Hv'd border

(20150)

622

B8130A5-Bk-307

-2-2

7/6

8/7

70



Hv'd border (20155-57)

UHM

623

B8130A5-Bk-343

-3-3

7/5

8/7

91

Hv'd border

(20175)

UHM

624

B8130A5-Bk-352

-6

7/9

8/12

78



(4815)

Hv'd border

Excellent surf

Flags wide

UF

UHM

RATON

GM LB/A

178 916

361 1857

346 1780

294 1513

625

B8130A5-Bk-371
-1-BK

7/6

8/7

88

(20208-11)

626

B8130A5-Bk-374
-5

7/12

8/12

85

Hv'd border

(4845)

Umm

clean leaves

627

B8130A5-Bk₂
-3-7

7/9

8/8

96

Hv'd border

(4118)

628

B8130A5-Bk₂-11
-1-1

7/6

8/7

97

(19759)

RATON
GM LB/A

167 859

231 1188

629

B8130A5-Bk₂-20
-1-3

7/7

8/7

93

(19771)

630

B8130A5-Bk₂-28
-5

7/8

8/8

104

Hv'd border

(4153)

VUF

631

B8130A5-Bk₂-45
-3-3

7/8

8/8

104

(19793)

632

B8130A5-Bk₂-62
-6

7/6

8/8

97-103

(4185)

Ratoon

601 15/9

216 11/1

633 BS130A5-Bk₂-65
-6

7/6

8/8

97

Hv'd border

(4190)

634 BS130A5-Bk₂-78
-6

7/8

8/8

97

Hv'd border

(4215)

635 BS130A5-Bk₂-79
-6

7/8

8/8

91

(4220)

636 GFMT

7/8

8/8

84

(BR)

Rg¹⁰⁰⁰

GM

LB/A

292

1502

283

1456

637 B8130A5-Bk₂-84
-3-1

7/7

8/8

97

Hv'd border

(19825)

638 B8130A5-Bk₂-88
-3-1

7/6

8/7

89

Hv'd border

(19830)

Very good

UHM
HF

639 B8130A5-Bk₂
-102-4

7/8

8/8

100

(4260)

640 B8130A5-Bk₂-114
-7

7/6

8/8

97-104

(4273)

RATON

GM

LB/A

312

1605

263

1353

641

BLMT

7/9

8/8

75

(56)

642

B8130A5-Bk₂
-152-8

7/10

8/12

92

(4325)

Very leafy

643

B8130A5-Bk₂
-162-4

7/7

8/7

102

(4337)

644

B8130A5-Bk₂
-186-2-4

7/5

8/7

96



Hv'd border

Uhm

Ratoon

GM LB/A

275 1415

645	B8130A5-Bk ₂ -215-8	7/12	8/12	105
-----	-----------------------------------	------	------	-----

(4383)

Taller & leafy

646	RXMT	7/7	8/8	81
-----	------	-----	-----	----

(BR)

647	B8130A5-Bk ₂ -219-Bk	7/9	8/8	97
-----	------------------------------------	-----	-----	----

Hv'd border

(4385-87)

Cleaner leaves

648	B8130A5-Bk ₂ -220-	7/5	8/7	104
-----	----------------------------------	-----	-----	-----

Ratton

GM

LB/ft

270

1389

649

BS130A5-BK₂
-222-7

7/7

8/7

81

(4397)

650

LMNT

7/11

8/12

79

(BR)

651

BS130A5-BK₂
-225-7

7/7

8/7

102

(4404)

652

BS130A5-BK₂
-237-6

7/12

8/12

105

(4413)

Leafy

653

B8130A5-Bk₂
-246-3-BK

7/11

8/12

96

(19932-34)

654

B8130A5-Bk₂
-248-1-BK

7/8

8/7

98

Hv'd border

(19937-38)

VHM

655

B8130A5-Bk₂
-251-6

7/13

8/12

97

Hv'd border

(4439)

656

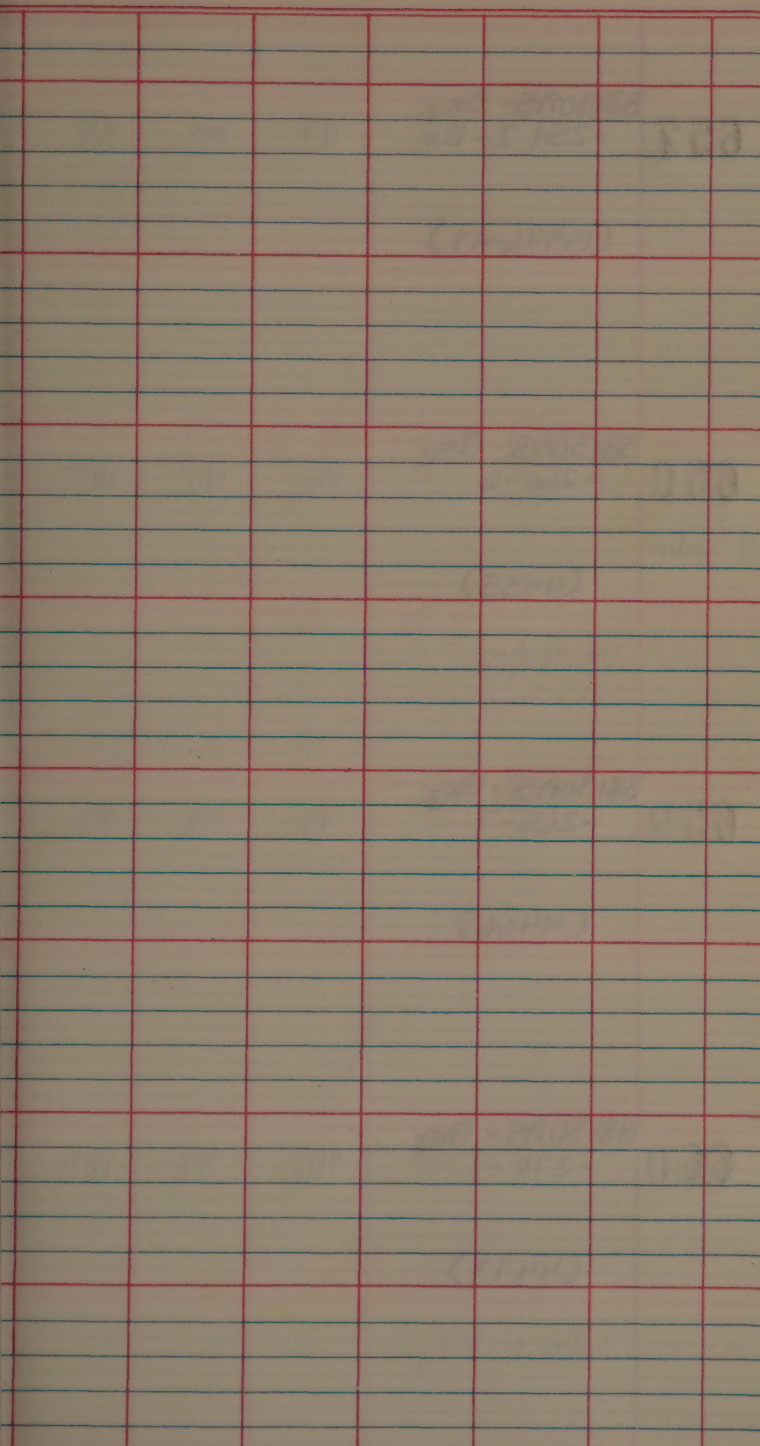
B8130A5-Bk₂
-257-2-3

7/7

8/7

101

(19943)



82
657B8130A5-Bk₂
-259-2-Bk

7/7

8/7

95

(19946-47)

658

B8130A5-Bk₂
-260-6

7/15

8/15

105

Hv'd border

(4455)

Too leafy

659

B8130A5-Bk₂
-265-7

7/9

8/8

93

(4466)

660

B8130A5-Bk₂
-270-7

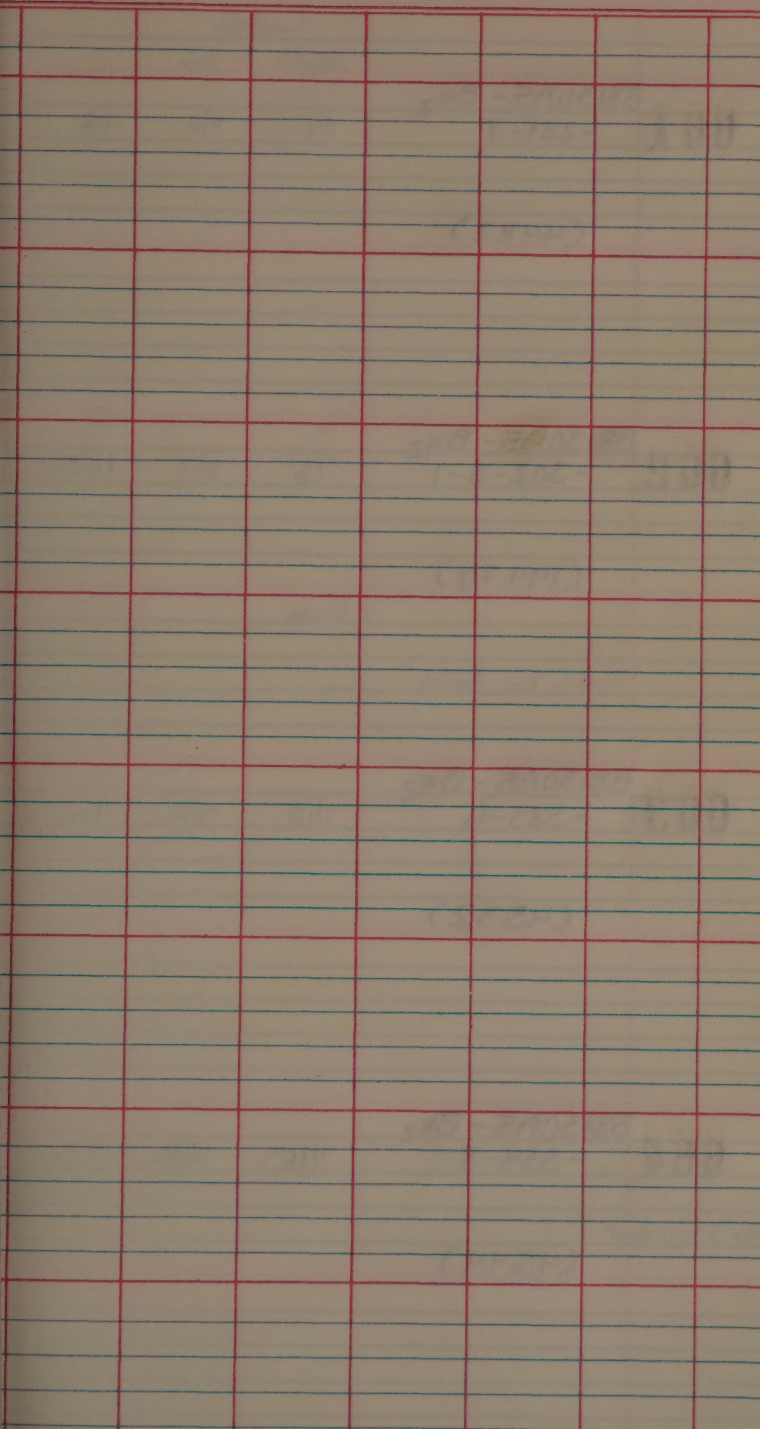
7/11

8/12

104

(4477)

Taller & leafy



661 B8130A5-Bk₂
-281-7 7/9 8/8 98

(4482)

662 B8130A5-Bk₂
-302-3-1 7/6 8/7 103

(19970)

U_{4M}

Grain too build?

663 B8130A5-Bk₂
-323-6 7/10 8/12 96

(4532)

664 B8130A5-Bk₂
-334-8 7/11 8/12 93

Hv'd border

(4544)

RATON
GM LB/A.

343 1765

665

B8130A5-Bk₂
-339-7

7/7

8/7

9/1

(4554)

UHM
HF

666

B8130A5-Bk₂
-354-6

7/9

8/8

9/4

Hv'd border

(4579)

667

B8130A5-Bk₂
-377-8

7/16

8/15

10/1

(4611)

long upright flaps;
too leafy;

668

B8130A5-Bk₂
-379-3-4

7/9

8/8

100

(20038)

RAZOR
GM LB/A

280 1440

669	B8130A5-Bk ₂ -381-5	7/13	8/15	103
-----	-----------------------------------	------	------	-----

Leafy

670	B8130A5-Bk ₂ -386-3-Bk	7/7	8/8	94
-----	--------------------------------------	-----	-----	----

Hv'd border

(20046)

671	B8130A5-Bk ₂ -395-7	7/9	8/8	98
-----	-----------------------------------	-----	-----	----

Hv'd border

(4641)

672	B8130A5-Bk ₂ -401-3-5	7/8	8/8	71
-----	-------------------------------------	-----	-----	----



(20056)

Hv'd border

Very good.

VUF

D₅

RATOON
GM LB/M.

255 1312

201 1034

280 1440

24
673B8130A5-Bk₂
-413-5

7/8

8/7

95

Hv'd border

(4655)

674

B8130A5-Bk₂
-418-3-Bk

7/4

8/7

102

(20067)

675

B8130A5-Bk₂
-421-5

7/9

8/8

94

Hv'd border

(4665)

676

B8130A5-Bk₂
-426-7

7/11

8/12

100

(4678)

Scapy

Ratton

GM

LB/A.

242

1245

187

962

SNP Group III

Seeded 4/24

677

C625A-Bk-92
-5-1

7/1

8/8

75

(505)

678

C612A-Bk-34-3
-5-Bk

7/4

8/8

75

(509)

679

C612A-Bk₂-61-2
-Bk

7/7

8/8

73

Wd border

(512)

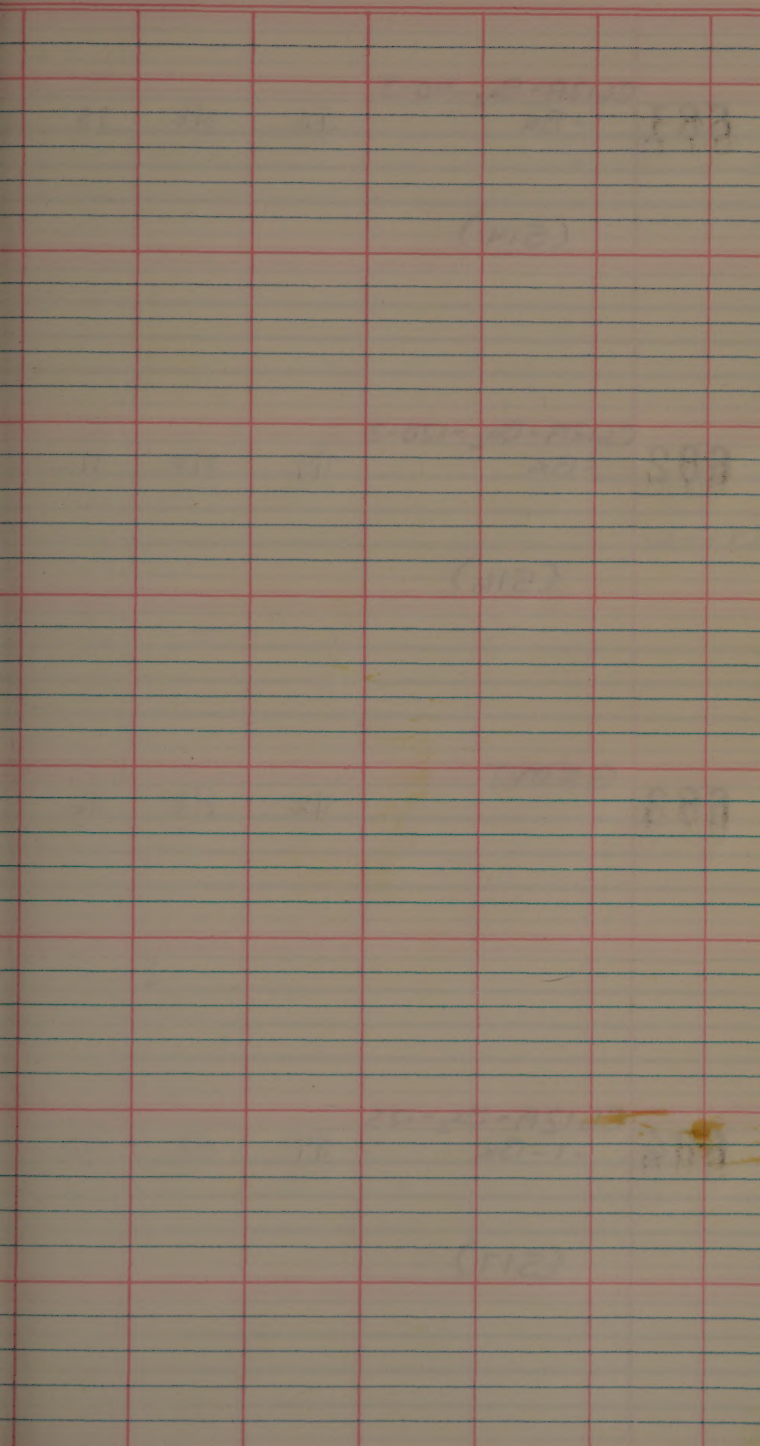
680

L-202

7/4

8/8

71



681

CG12A-BK₂-110-3
-BK

7/3

8/8

73

(514)

682

CG12A-BK₂-120-2
-BK

7/4

8/8

71

Hv'd border

(516)

683

GFMT

7/8

8/8

76

684

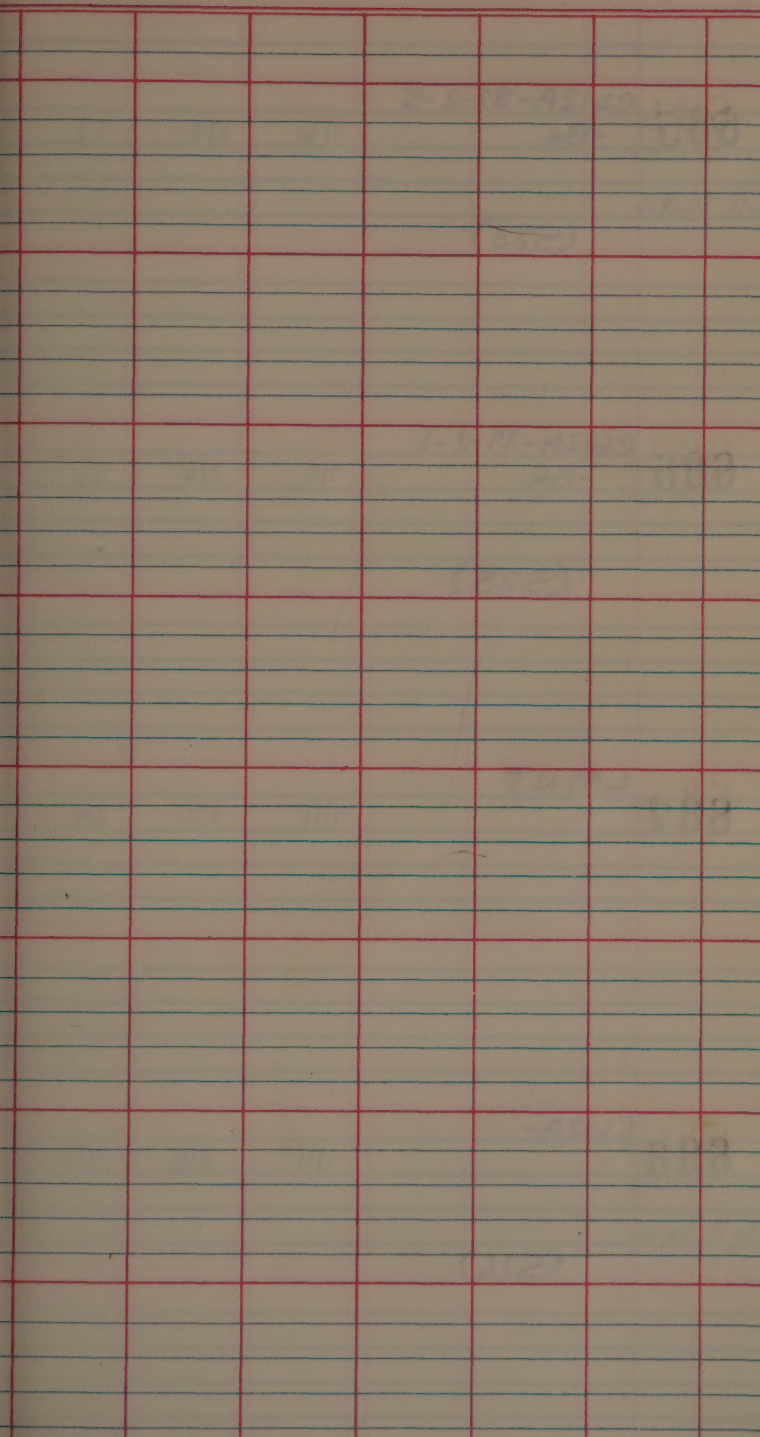
CG12A-BK₂-123
-1-BK

7/4

8/8

70

(517)



685

C612A-52-2-5
-BK

7/6

8/8

77

Hv'd border

(522)

686

C612A-79-2-1
-BK

7/4

8/8

76

(525)

687

LMNT

7/11

8/12

74

688

C612A-

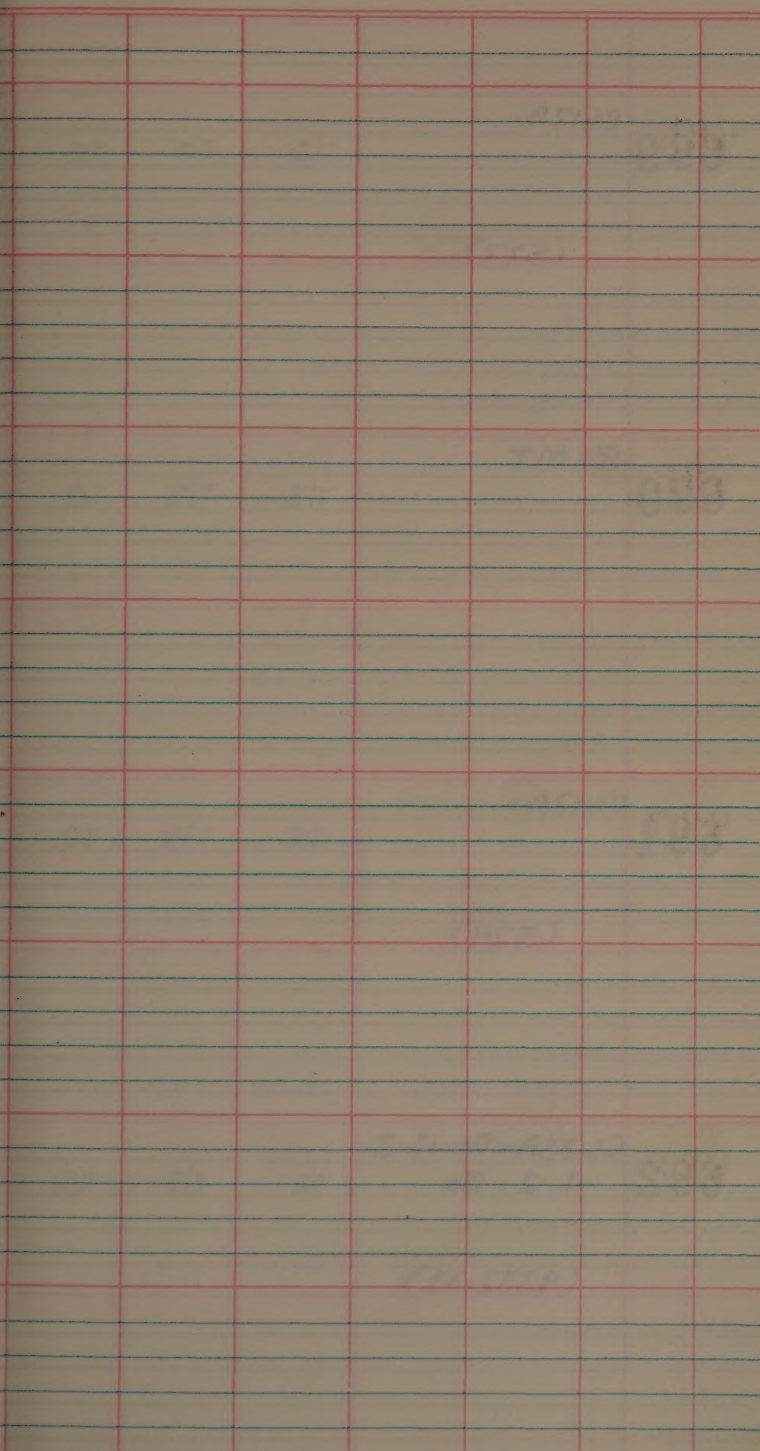
7/4

8/8

72

Hv'd border

(526)



689

C612A-

7/2

8/8

70

(527)

690

RXMT

7/8

8/8

68

691

C612A-

7/5

8/8

70

(529)

692

C623A-BK-13-3

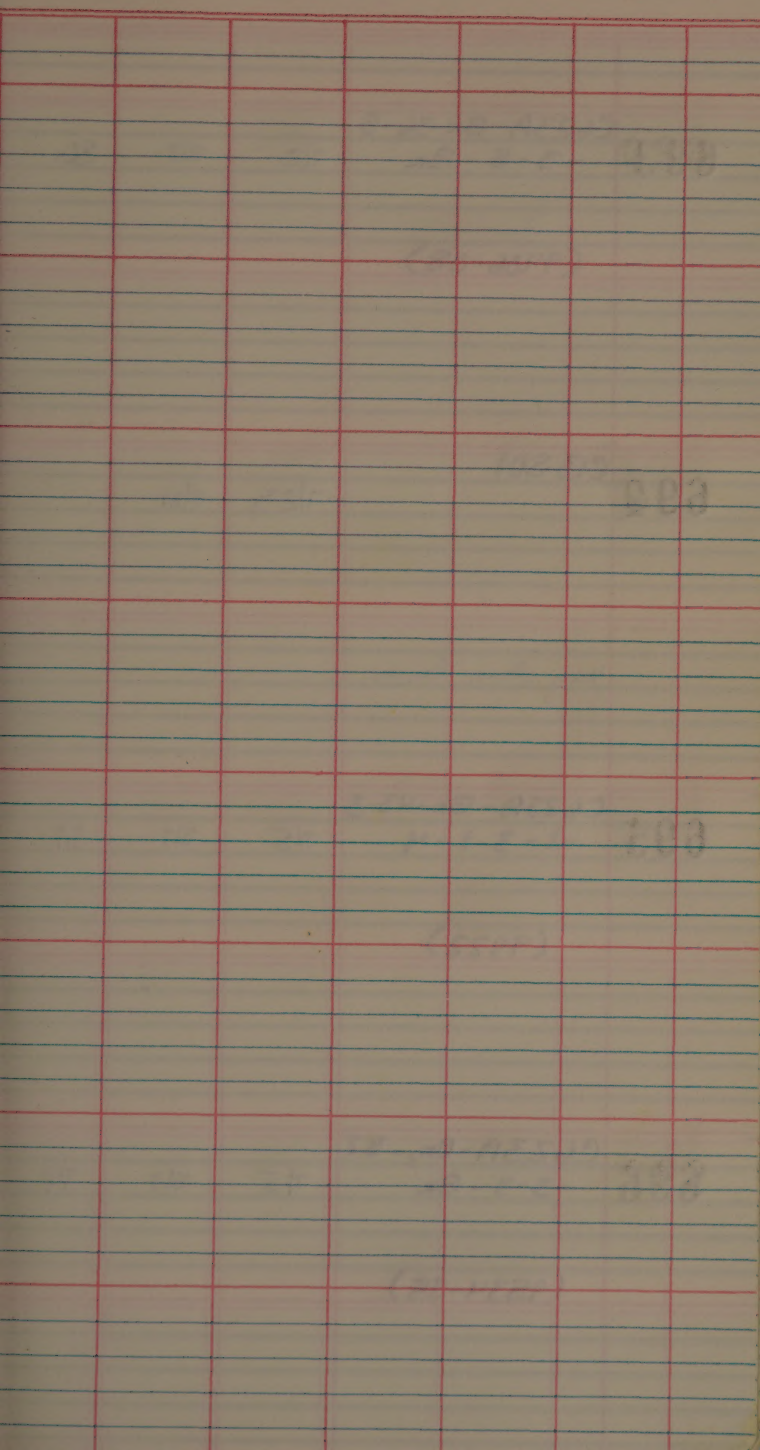
-1-2-BK

7/2

8/7

78

(9332-33)



693

C623A-BK-36-5
-3-5-BK

7/2

8/7

86

(9406-08)

694

CB-801

7/23

8/21

Very clean leaves

695

C623A-BK-43-3
-1-3-1-4

7/5

8/7

81

(9422)

696

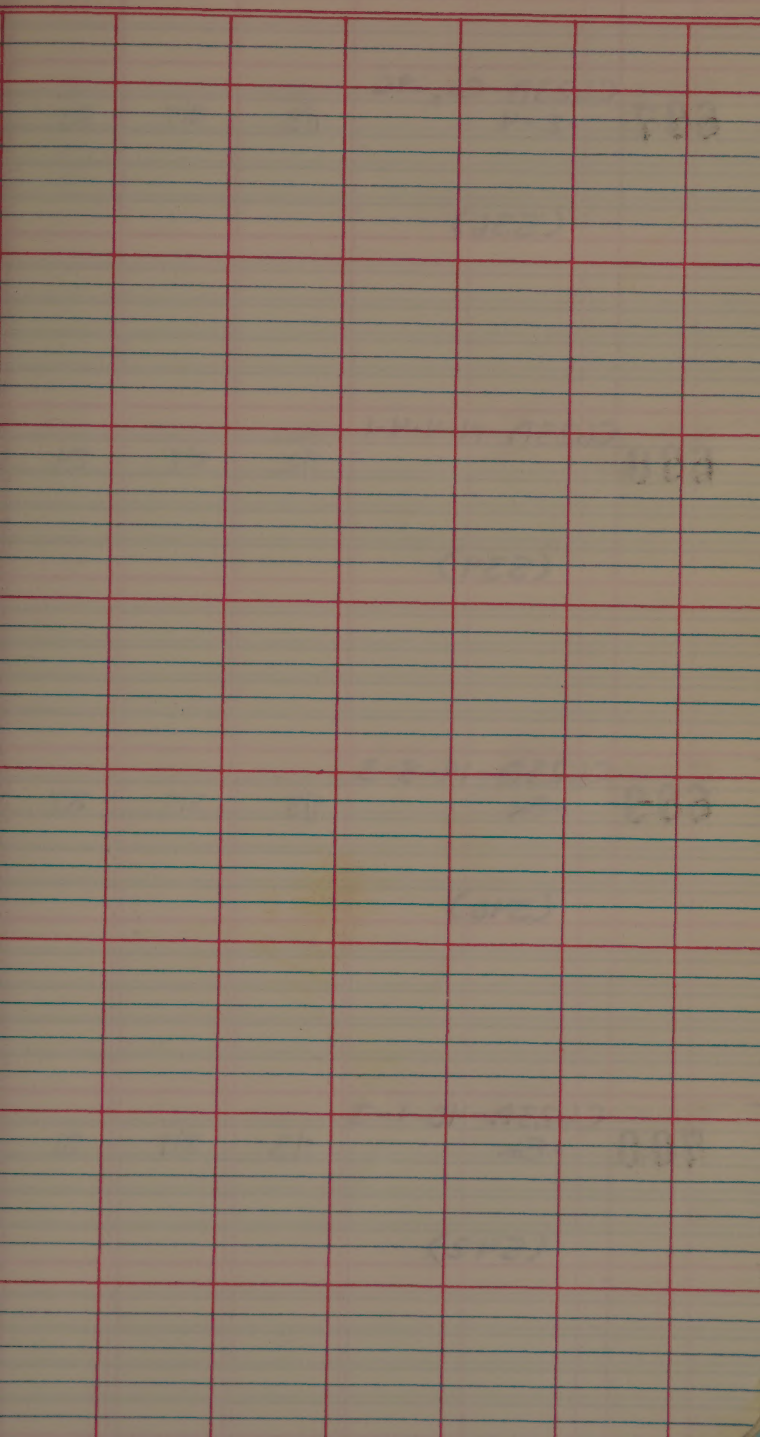
C623A-BK₂-87
-3-3-BK

7/5

8/7

79

(9534-35)



697	C623A-Bk ₂ -96 -2-4	7/3	8/7	80
-----	-----------------------------------	-----	-----	----

(536)

698	C623A-14-4-4-1	7/2	8/7	84
-----	----------------	-----	-----	----

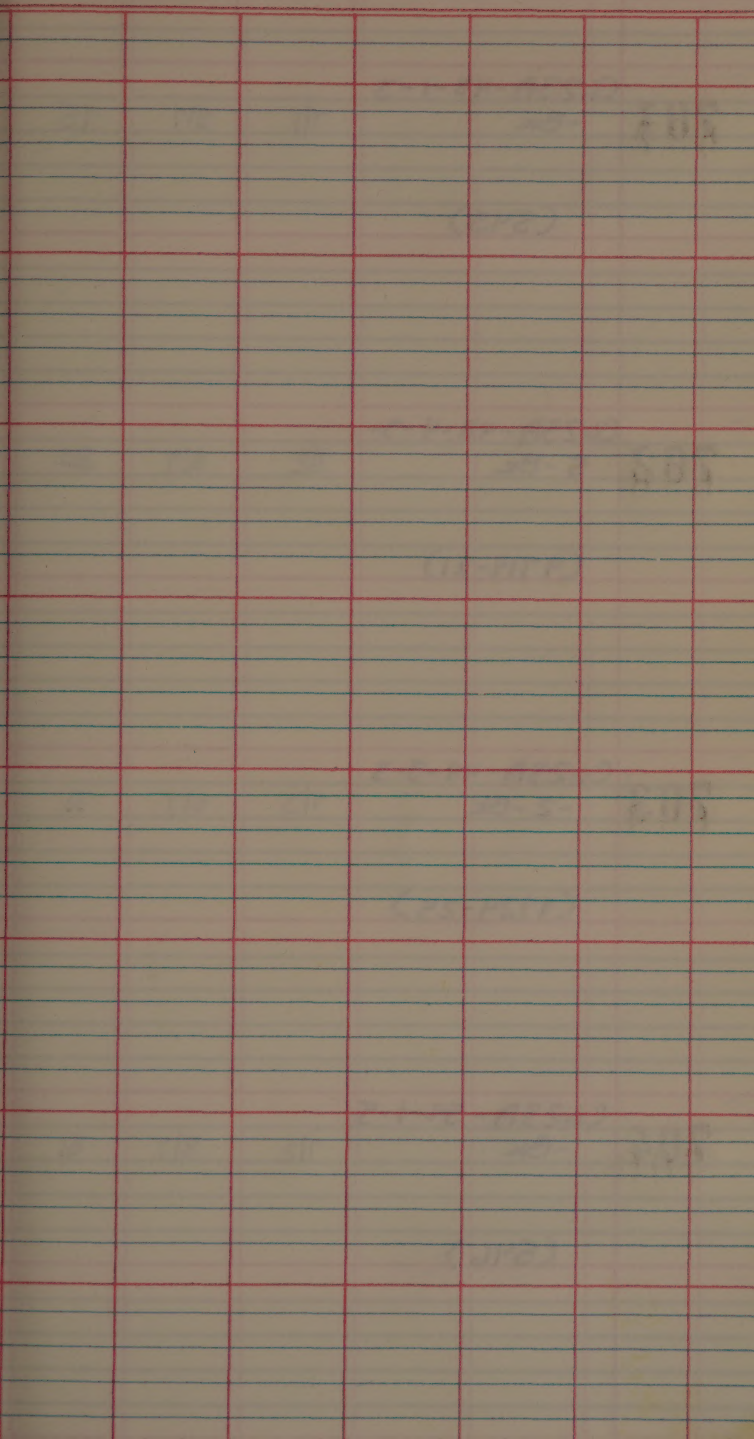
(539)

699	C623A-19-5-3 -Bk	7/3	8/7	87
-----	---------------------	-----	-----	----

(540)

700	C623A-40-1-3 -Bk	7/3	8/7	81
-----	---------------------	-----	-----	----

(542)



701	C623A-48-1-3 -Bk	7/1	8/7	75
-----	---------------------	-----	-----	----

(543)

702	C623A-48-4-3- 5-Bk	7/2	8/7	80
-----	-----------------------	-----	-----	----

(9719-21)

703	C623A-49-3-3 -2-Bk	7/3	8/7	71
-----	-----------------------	-----	-----	----

(9724-25)

704	C623A-59-1-5 -Bk	7/2	8/7	81
-----	---------------------	-----	-----	----

(546)

705

C623A-86-1-5
-5

7/3

8/7

87

(547)

706

C623A-BK-57

7/4

8/7

87

(549)

707

C634A-BK-39-1
-2-3

7/1

8/7

64

(10470)

708

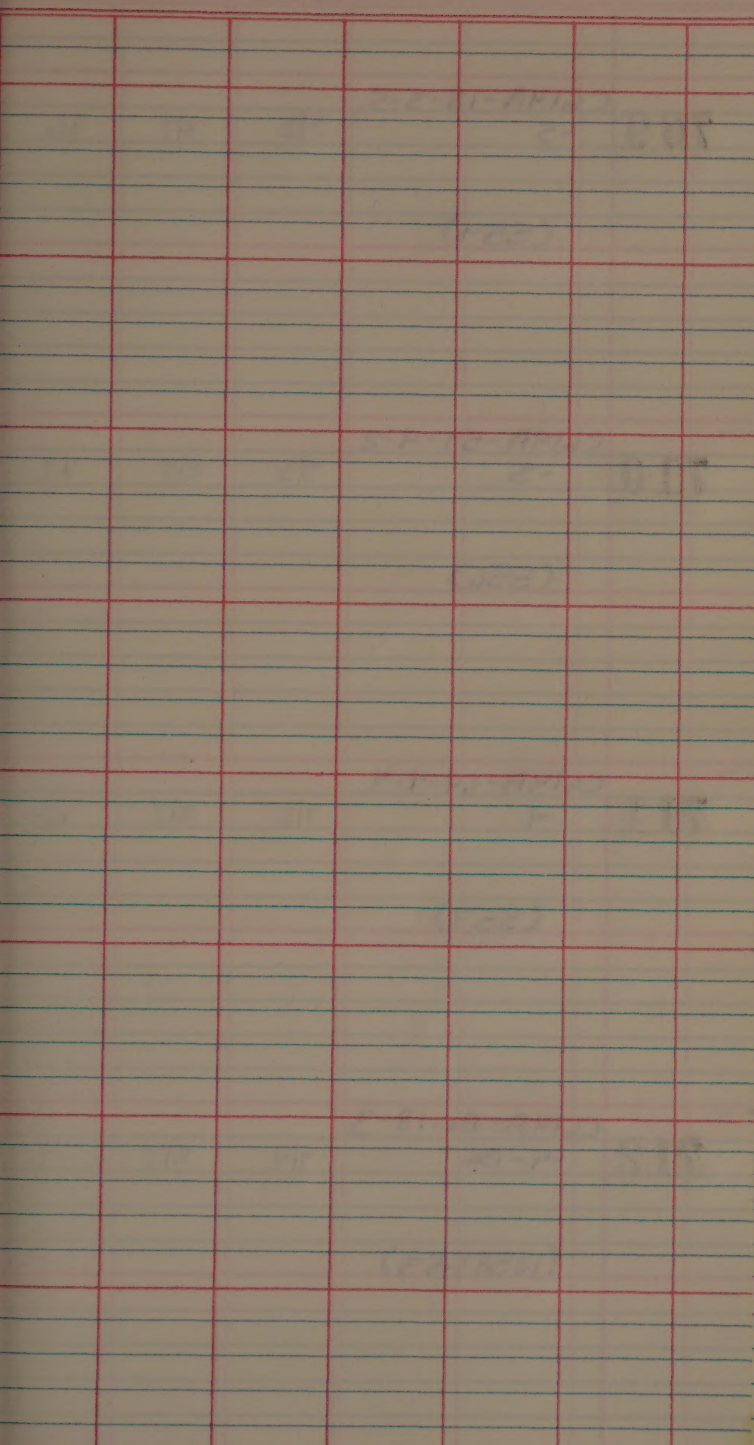
C614A-8-1-2-2
-BK

7/2

8/7

74

(10520-22)



709 C614A-18-3-5
-5 7/2 8/7 76

(554)

710 C614A-59-4-2
-3 7/3 8/7 73

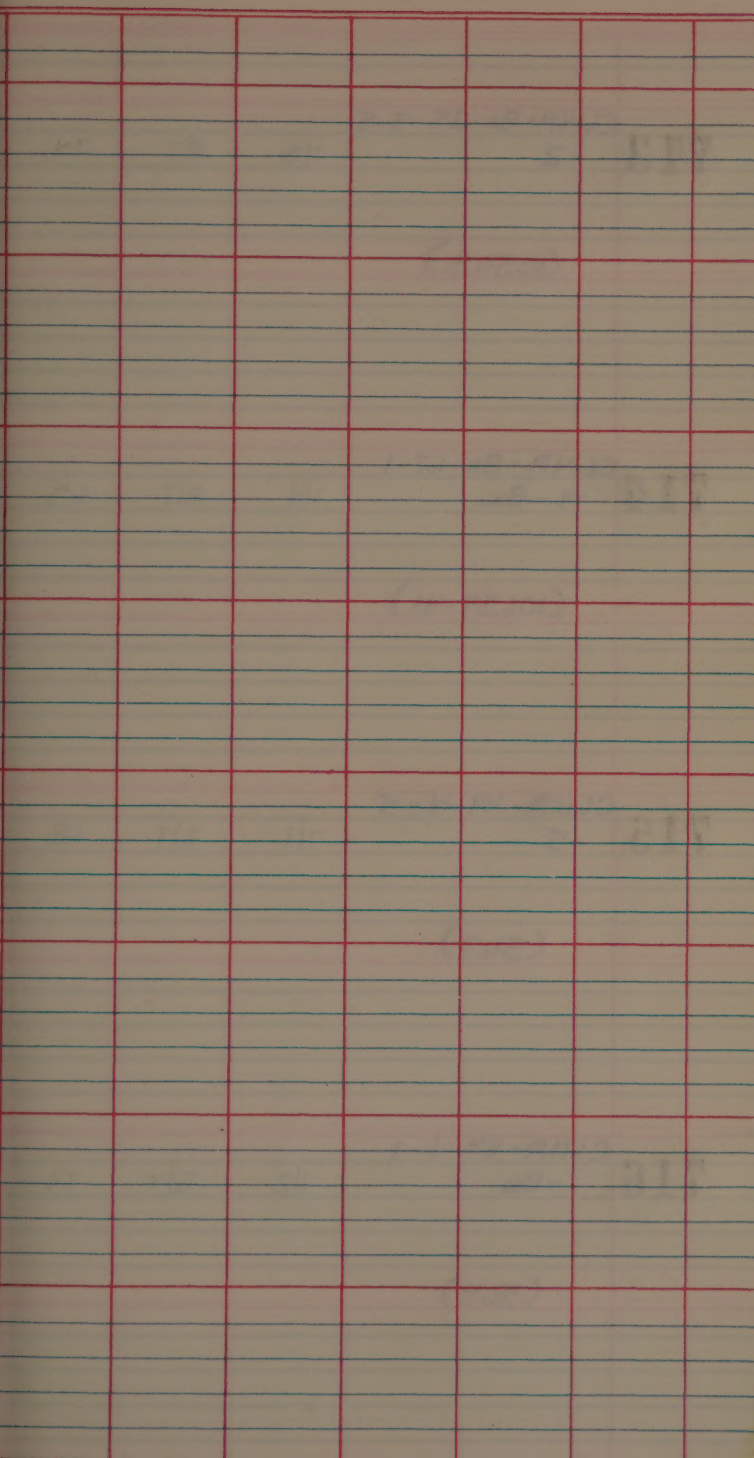
(556)

711 C614A-64-4-4
-1 7/2 8/7 73

(557)

712 C614A-BK-18-3
-4-BK 7/4 8/7 74

(10583-85)



713

C614A-BK-25-3-5
-2

7/3

8/7

74

(10593)

714

C614A-BK-67-1
-4-BK

7/4

8/7

63

(10639-41)

715

C611A-49-4-5
-5

7/1

8/7

68

(567)

716

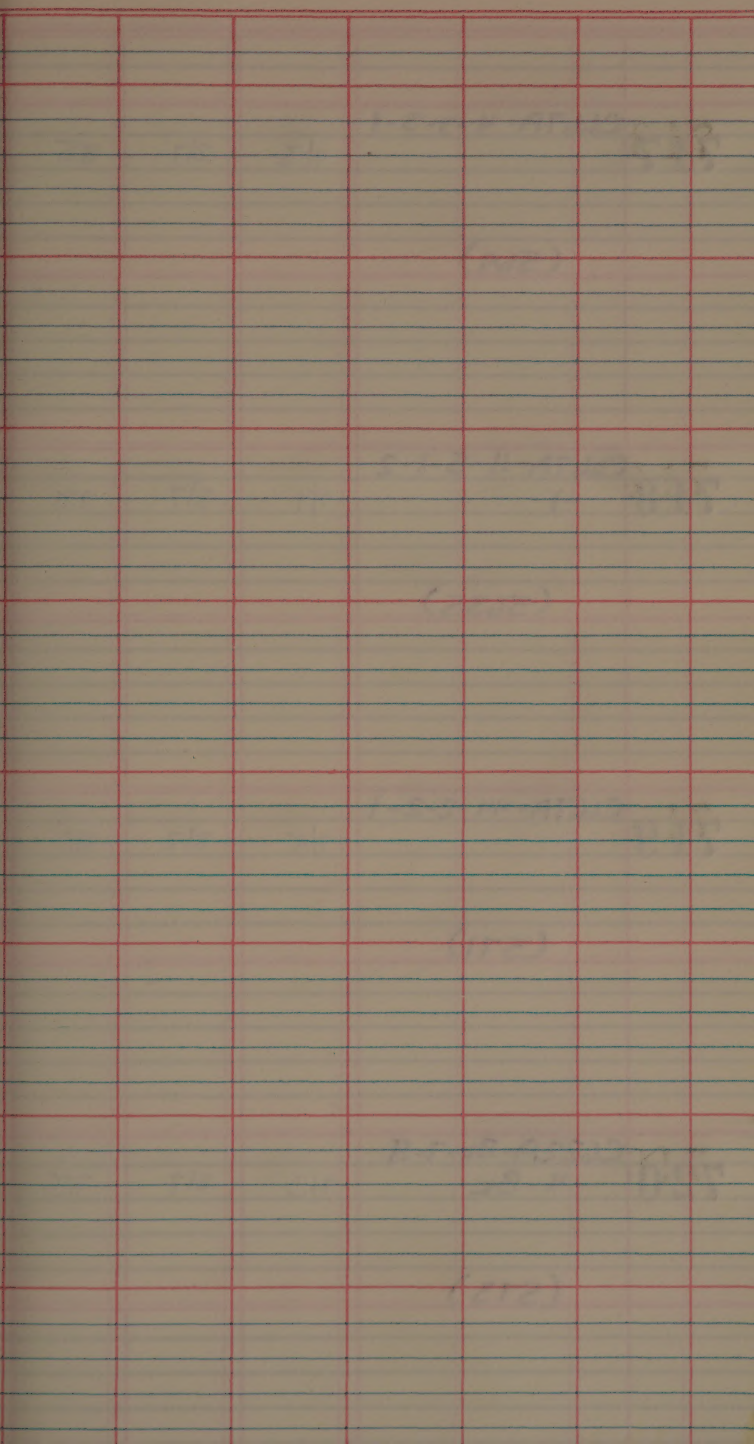
C611A-54-1-1
-BK

7/2

8/7

74

(568)



717

C667A-4-3-3-1

7/3

8/7

85

(569)

718

C667A-11-5-1-2

-1

7/4

8/7

78

(5635)

719

C667A-44-2-2-1

7/5

8/7

80

(571)

720

C622A-Bk-7-9

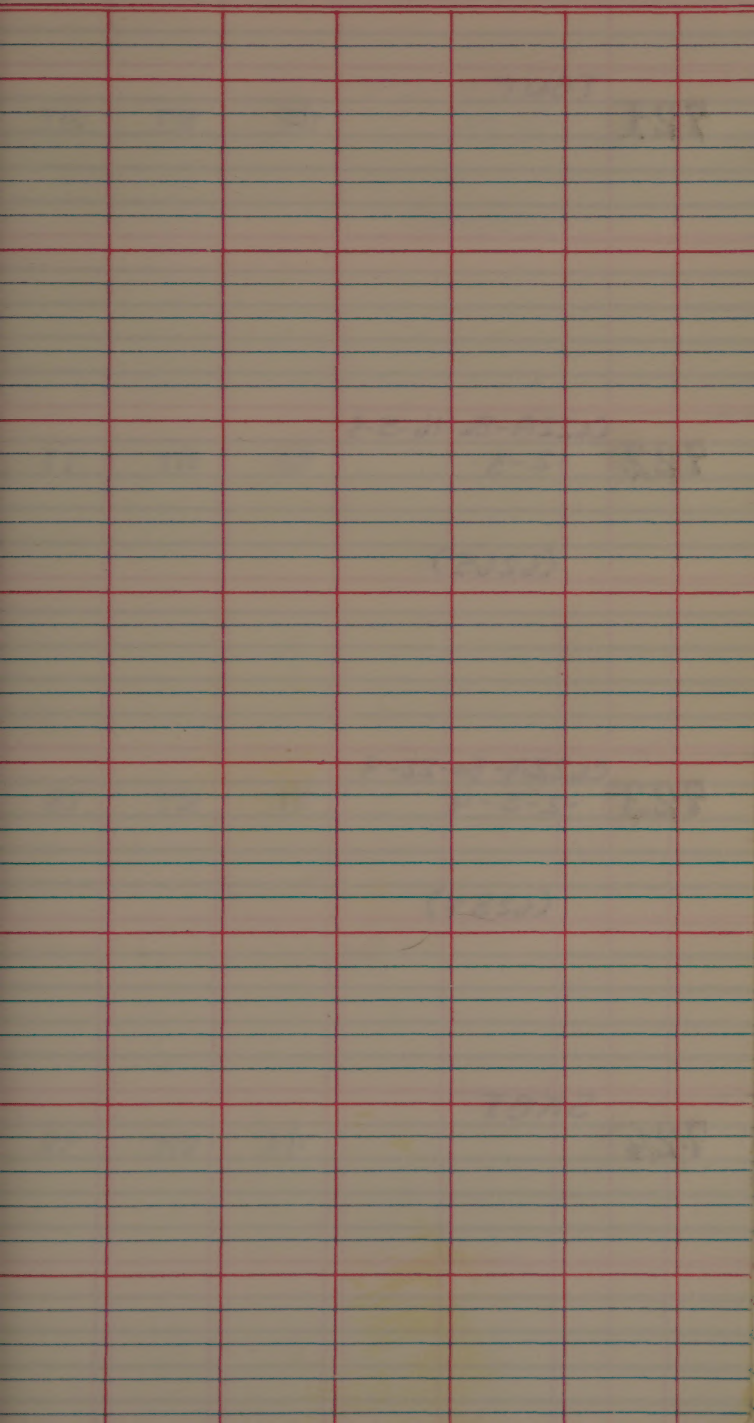
-4-Bk

7/3

8/7

75

(573)



721	TBNT	7/4	8/7	107
-----	------	-----	-----	-----

722	C622A-BK-16-5-5 -2-3 (6265)	7/1	8/7	77
-----	---------------------------------------	-----	-----	----

723	C622A-BK-22-4 -2-3-4 (6287)	7/1	8/7	78
-----	---------------------------------------	-----	-----	----

724	SKBT	7/7	8/7	98
-----	------	-----	-----	----

725

C622A-Bk-72-1
-2-Bk

7/4

8/7

77

(6369-70)

726

C622A-Bk-72-5
-4-2-3

7/3

8/7

73

(6373)

727

C622A-16-5-2-4

7/4

8/7

80

(583)

728

NWBT

7/16

8/21

729

C622A-37-3-2-4-1

7/4

8/7

71

(6459)

730

C622A-52-4-3-4

7/1

8/7

78

(587)

731

C622A-63-3-5-4

7/3

8/7

83

(588)

more lit. variability

732

LBLE

7/3

8/7

92

H-22-22-95.12

1-2 885

(196)

H-1-E-1-A12.12

23 118 117 885

(198)

H-22-22-95.12

23 118 117 885

(198)

T06.1

117 118 117 885

733 C625A-BK-45
-5-1

7/3

8/7

75

Hv'd border

(591)

734 C609A-T6-3-1-Bk

7/4

8/7

65

(594)

735 C612A-Bk₂-68-4
-Bk

7/4

8/7

65

(602)

736 LBNT

7/10

8/7

94

737	C612A-Bk ₂ -86-2 -5	7/4	8/7	66
-----	-----------------------------------	-----	-----	----

(604)

738	C612A-25-2-2-Bk	7/6	8/7	12
-----	-----------------	-----	-----	----

Hv'd border

(605)

739	C612A-	7/6	8/7	70
-----	--------	-----	-----	----

(606)

740	C612A-	7/6	8/7	73
-----	--------	-----	-----	----

(608)

741

C623A-Bk₂-116-4
-1-Bk

7/5

8/7

91

(9592-93)

742

C623A-20-5-4-Bk

7/5

8/7

94

(613)

743

C623A-Bk₆-64

7/3

8/7

80

(614)

744

C623A-Bk₆-151
-1

7/4

8/7

82

(9982)

P-1-10-10-10-10

(1000)

P-1-10-10-10-10

(1000)

P-1-10-10-10-10

(1000)

P-1-10-10-10-10

(1000)

745	C634A-Bk-26-3-3 -3	7/15	8/15	87
Hv'd border	(10429)			
	Very good but late	VUF UHM		
746	C611A-Bk-38-5-5 -Bk	7/5	8/7	78
	(623)			
747	C611A-Bk-63-4-2 -Bk	7/3	8/7	64
	(625)			
748	C611A-49-1-4-5	7/3	8/7	70
	(627)			

E-P-T-PP-A117

2F

HS

21

033

(203)

E-P-T-PP-A117

2F

HS

21

033

(173)

H-C-82-E-12

2F

HS

21

033

(172)

H-C-82-E-12

2F

HS

21

033

(173)

749

7/3

8/7

76

Hv'd border

(628)

750

C611A-49-5-5-3

7/3

817

75

Th'd border

(629)

751

C611A-58-2-2-4

712

8/7

65

(630)

752

C611A-BK₆-76

7/60

8/7

79

(631)

P-H-E-AT-12

005

(122)

P-S-E-AT-12

005

(122)

P-H-E-AT-12

005

(122)

P-S-E-AT-12

005

(122)

753

C667A-4-3-4-5
-2

7/2

8/7

75

(5612)

754

C667A-32-2-4
-1-2

7/3

8/7

71

(5675)

755

C667A-53-1-4
-3-4

7/3

8/7

80

(5743)

756

C667A-58-2-4-3

7/3

8/7

80

(637)

U.S. - 1000000

20

1000

(1000000)

U.S. - 1000000

20

1000

(1000000)

U.S. - 1000000

20

1000

(1000000)

U.S. - 1000000

20

1000

(1000000)

757	C667A-60-5-2-1 -5	7/6	8/7	80
-----	----------------------	-----	-----	----

(5786)

758	C667A-62-4-3-3 -5	7/2	8/7	71
-----	----------------------	-----	-----	----

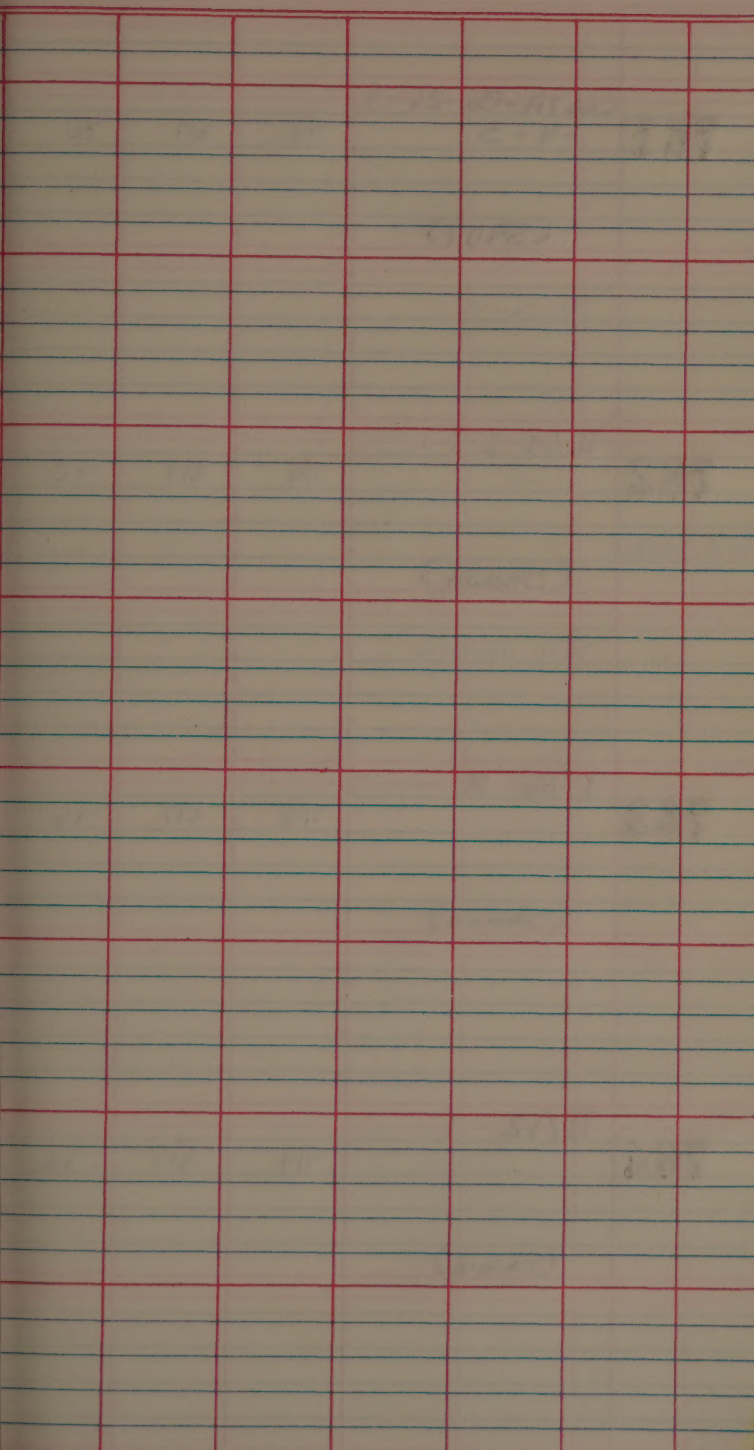
(5796)

759	C667A-68-3-4 -2-4	7/2	8/7	75
-----	----------------------	-----	-----	----

(5820)

760	C667A-Bk-13-5 -1-Bk	7/3	8/7	76
-----	------------------------	-----	-----	----

(5888-89)



761

C667A-BK-26-3
-4-3

7/4

8/7

80

(5907)

Uniform

762

II/19 3-1

7/4

8/7

73

Hv'd border

(Shawn)

Very uniform

763

I/16 8

7/8

8/7

96

(Shawn)

764

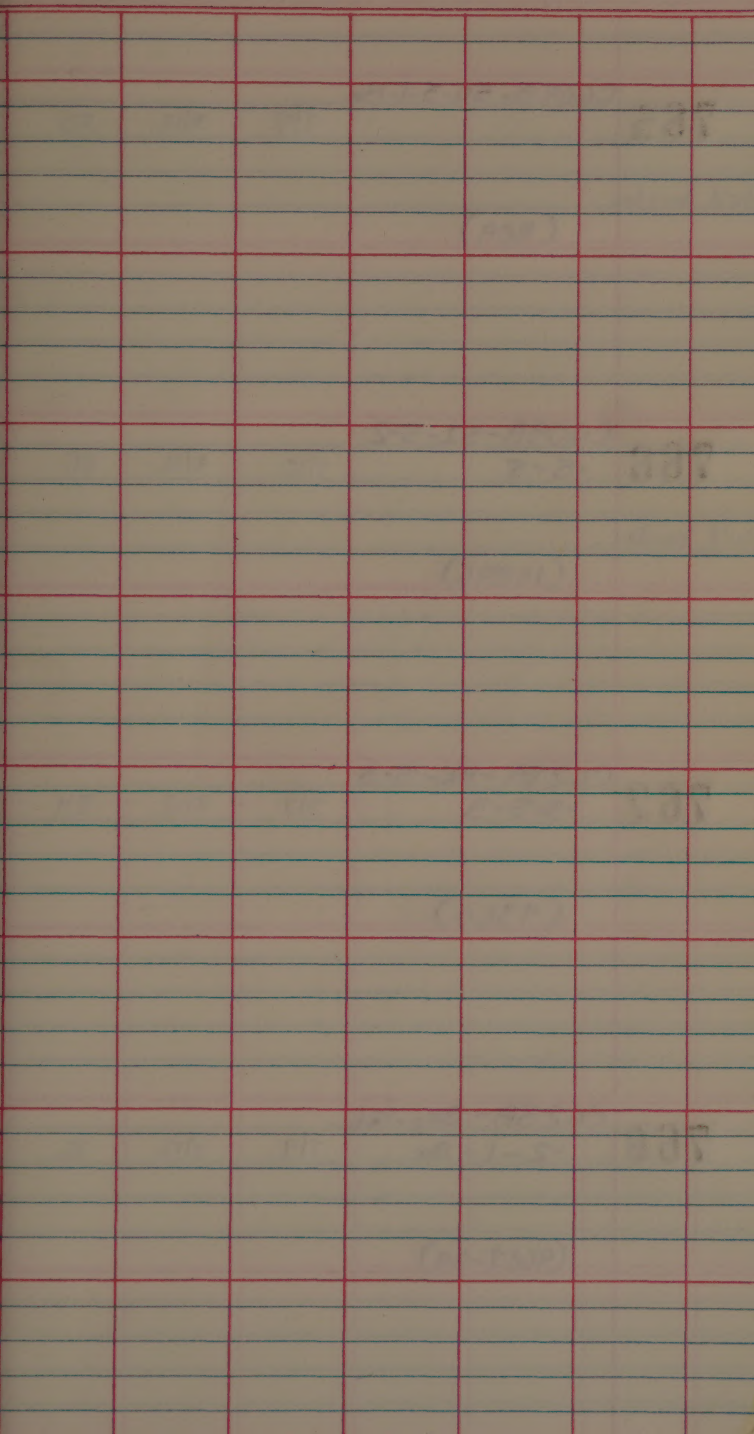
II/12 1

7/9

8/7

96

(Shawn)



SNP Group IV

Seeded 4/24

765

C609A-50-3-1-Bk

7/7

8/12

80

Hv'd border

(809)

766

C609A-52-5-2

-5-5

7/10

8/12

80

Hv'd border

(10896)

767

C623A-Bk-19-5

-3-3-3

7/7

8/12

84

(9360)

768

C623A-Bk₂-126

-2-1-Bk

7/9

8/12

86

(9607-09)

769	NWBT	7/17	8/25	106
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770	C623A-BK ₆ -87	7/7	8/12	92
-----	---------------------------	-----	------	----

(818)

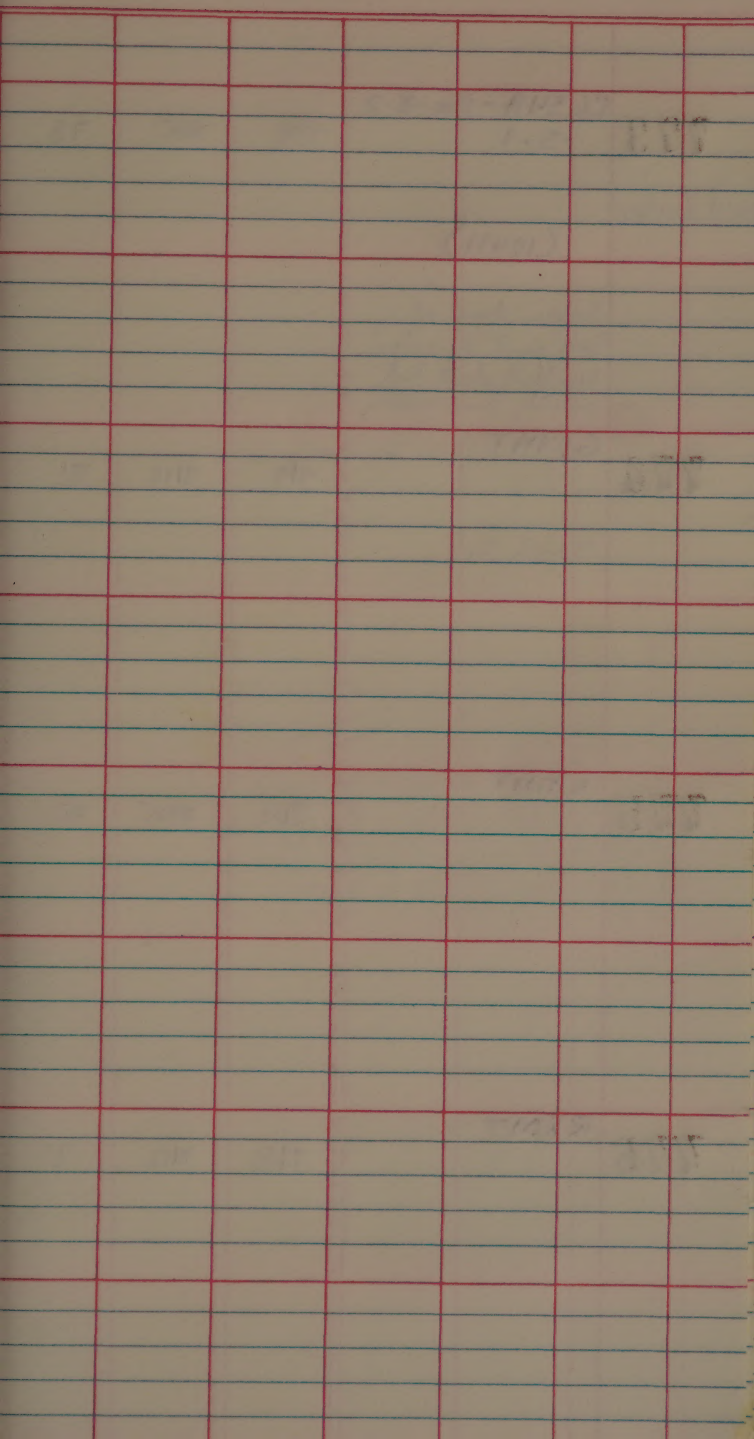
more ht. variability

771	C623A-BK ₆ -219 -BK	7/8	8/12	94
-----	-----------------------------------	-----	------	----

(10080-82)

772	C623A-BK ₆ -326 -4	7/6	8/8	94
-----	----------------------------------	-----	-----	----

(10221)



773

CG34A-BK-8-2
-3-1

7/9

8/15

78

Hv'd border

(10411)

Seeds. force of
leafy spout designer!
Excellent plant but
probably lower yielding

774

GFMT

7/9

8/12

81

much Co!

775

LMNT

7/14

8/15

80

776

RXMT

7/8

8/12

79

777

C634A-Bk-33-2

-2

7/9

8/12

90

Hv'd border

(825)

Very clean leaves!

778

C634A-Bk-58-2

-4-4

7/11

8/12

81

(10507)

779

C611A-Bk-27-3

-4-Bk

7/9

8/12

73

Hv'd border

(828)

Power separation

780

C611A-Bk-42-1

-2-3

7/6

8/8

74

(829)

781

C611A-BK-54-5
-1-BK

7/9

8/12

75

(830)

Exposition?

782

TBNT

7/6

8/8

110

783

C611A-BK-66-5
-3-BK

7/6

8/8

87

(831)

Very

784

C611A-BK-67-5
-1-3

7/7

8/8

80

(832)

Very deep

785

C611A-43-4-4-1

7/6

8/8

73

Hv'd border

(834)

786

C611A-Bk₆-82

7/7

8/8

86

(835)

787

B7710A2-Bk₂
-52-1-Bk

7/11

8/12

73

(842)

788

B7710A2-Bk₆
-179

7/10

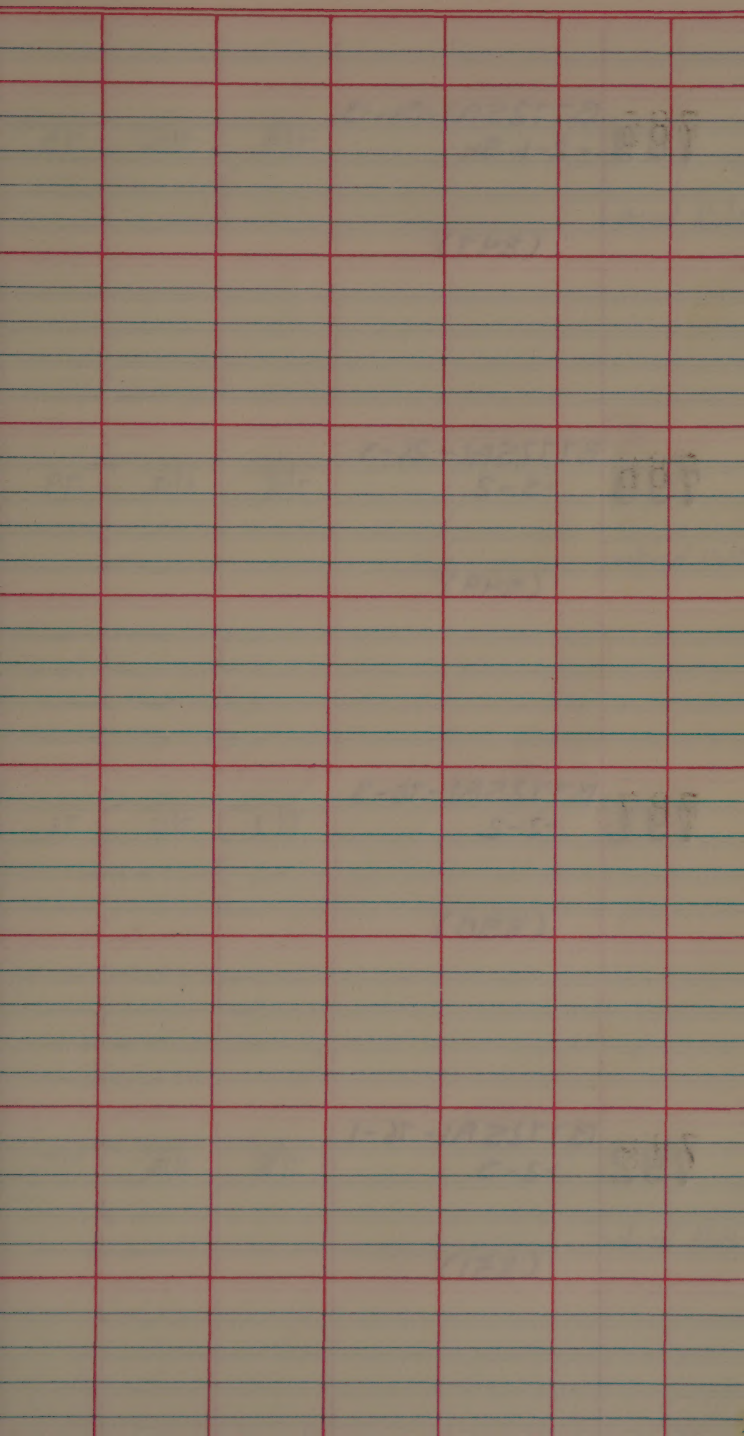
8/12

79

Hv'd border

(844)





789

B7725A1-BK-13

-2-1-BK

7/9

8/12

73

Hv'd border

(847)

790

B7725A1-26-3

-5-2

7/8

8/12

79

Hv'd border

(849)

791

B7725A1-70-3

-2-2

7/7

8/12

71

(850)

792

B7725A1-76-1

-2-3

7/8

8/12

77

Hv'd border

(851)

793

BTT25A1-BK4-

7/8

8/12

80

(852)

794

BTT25A1-BK4-

7/7

8/12

77

(853)

795

BTT25A1-BK4-

7/7

8/15

72

(854)

796

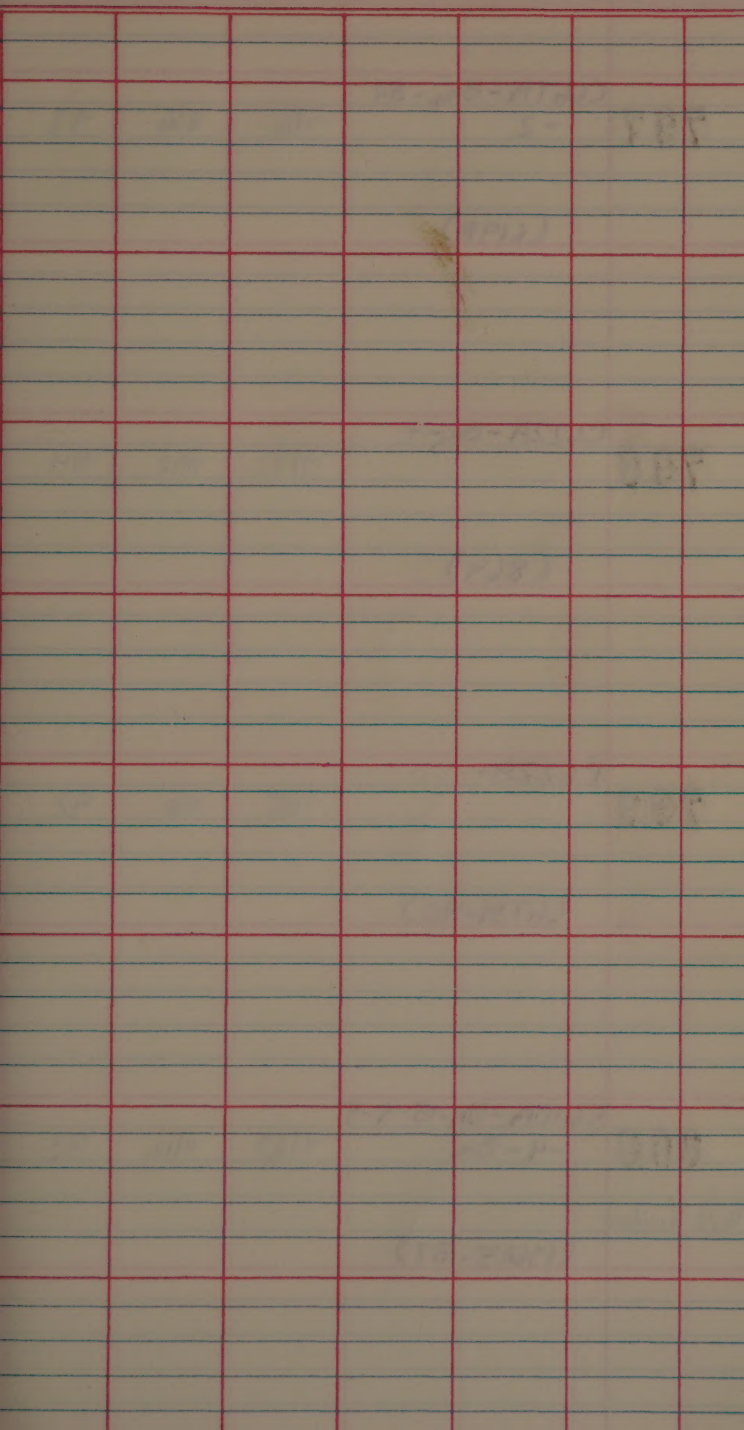
C667A-BK2-50
-BK

7/6

8/8

96

(6148-49)



87

797	C667A-BK ₄ -89 -2	7/6	8/6	97
-----	---------------------------------	-----	-----	----

(6198)

798	C622A-BK ₅ -	7/7	8/12	94
-----	-------------------------	-----	------	----

(864)

799	C622A-	7/5	8/6	92
-----	--------	-----	-----	----

(673A-40)

800	C610A-BK-15-9-5 -4-BK	7/10	8/12	83
-----	--------------------------	------	------	----

H/d border

(13685-87)

801

SKBT

7/8

8/12

100

802

C610A-Bk-24-6
-2-4-Bk

7/10

8/12

82

Hv'd border

(13757-61)

803

C610A-Bk-52-5
-4-4-2

7/12

8/12

82

Hv'd border

(13842)

804

C610A-100-2-3-3
- Bk

7/11

8/12

76

Hv'd border

(14247-49)

805

C610A-BK-37-3-BK

7/10

8/12

79

Hv'd border

(881)

806

C610A-BK-85-1-BK

7/11

8/12

81

Hv'd border

(883)

807

C642A-1-4-2-BK

7/9

8/6

87

(884)

808

C642A-BK-29-5

-4-3

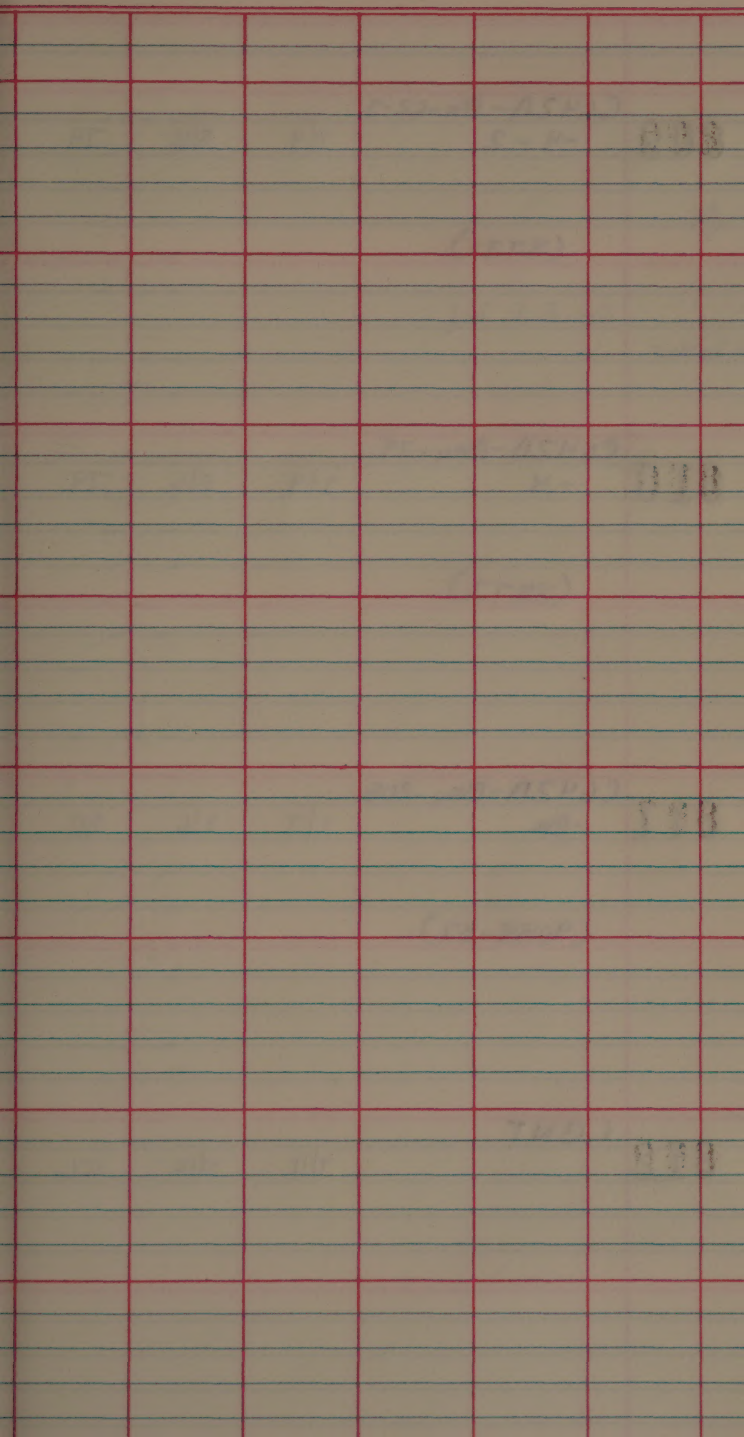
7/9

8/6

87

Hv'd border

(8696)



809

C642A-BK-62-3
-4-2

7/9

8/12

79



(8731)

Excellent dup

Hvd border

810

C642A-BK4-79
-4

7/9

8/6

79

(8872)

811

C642A-BK4-208
-BK

7/7

8/6

80

(9055-57)

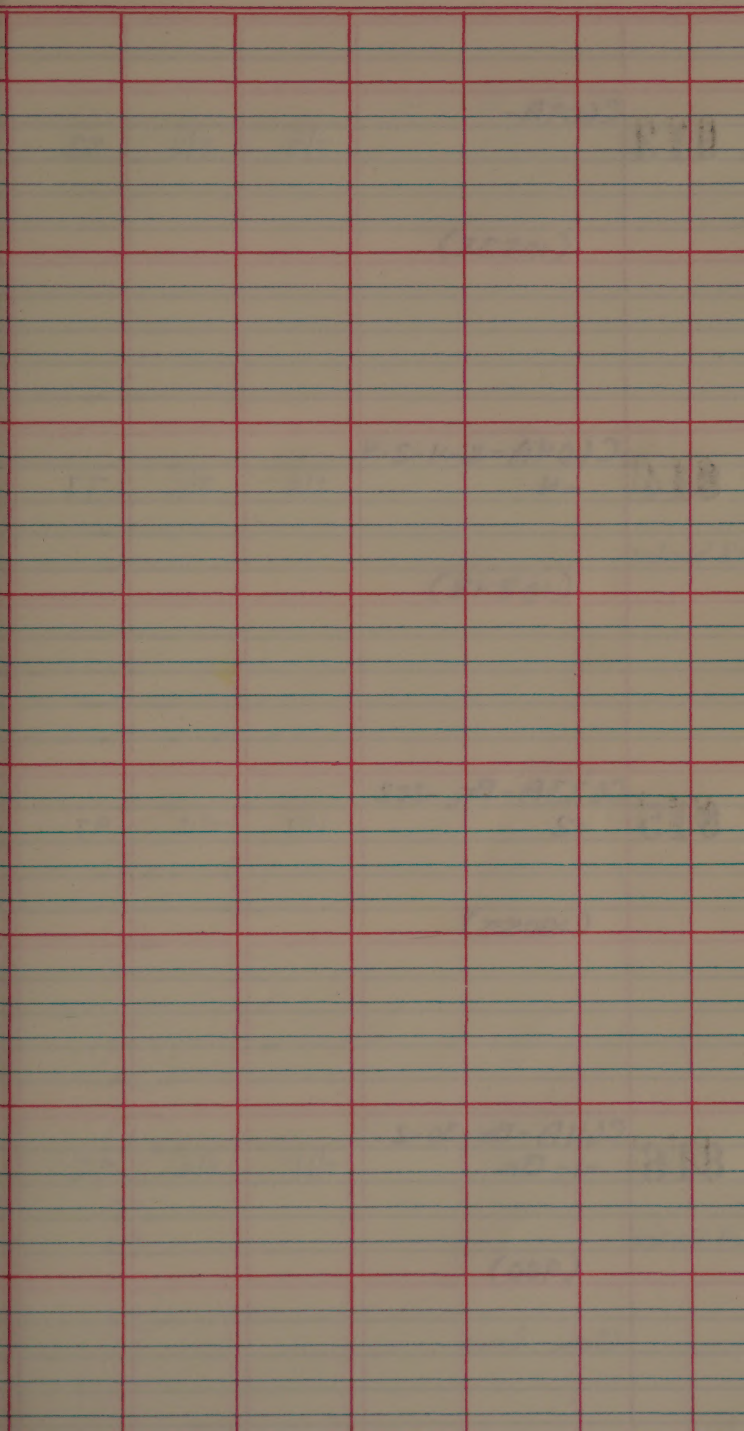
812

LBNT

7/11

8/12

106



813

C609A-

7/7

8/6

82

(10838)

814

C609A-16-4-2-4
-4

7/8

8/6

77

Hv'd border

(10848)

815

C623A-BK-202
-2

7/9

8/12

97

(10055)

816

C611A-BK-30-2
-1-BK

7/11

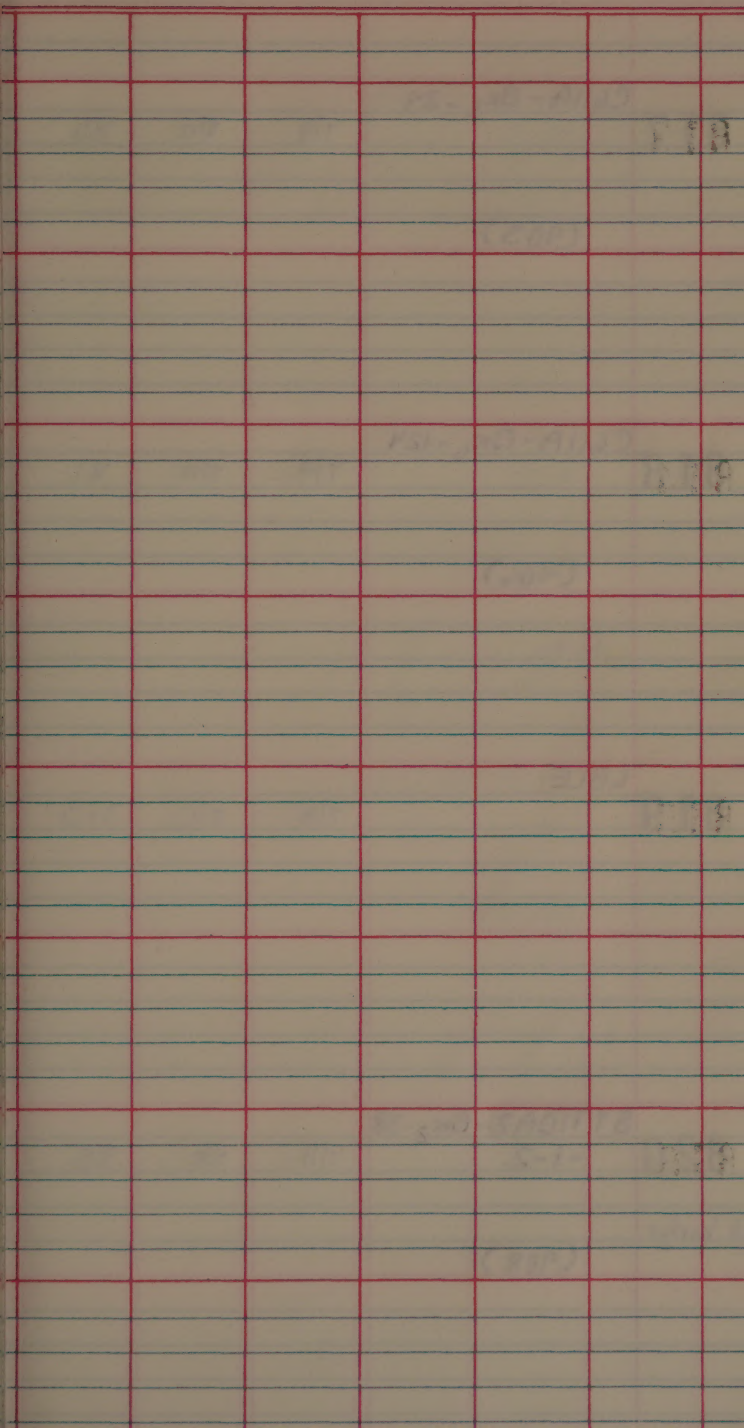
8/12

82

Hv'd border

(900)

Clean leaves



817

C611A-Bk₆-29

7/9

8/12

80

(903)

818

C611A-Bk₆-124

7/9

8/12

81

(906)

Leafy

819

LBLE

7/3

8/6

113

820

BT710A2-Bk₂-38

-1-2

7/11

8/12

85

Hard border

(908)

821

B7710A2-Bk₂-78
-2-1

7/11

8/13

78

(909)

822

B7710A2-Bk₂-139
-4-3

7/11

8/13

75

(910)

823

B7710A2-Bk₆-285

7/15

8/15

109

(917)

824

B7710A2-Bk₆-
305

7/10

8/13

76

Hv'd border

(918)

Excellent plate type

Uhm
gold
VUF

B115241 11-1-2

858

(15P)

-855-2

858

(141P)

F-11-11-11

858

(102)

-11-11

858

(15P)

825 B7725A1-17-1-3
-2

7/12

8/15

92

Hv'd border

(921)

Nest

826 C622A-

7/6

8/6

86

(924)

827 IRGA-409

7/19

8/21

107

Hv'd border

(Cro)

828 C622A-

7/8

8/6

94

(926)

1-10-10 - P. 1012

20

20

20

20

(ESP)

1-10-10 - P. 1012

20

20

20

20

20

(SCP)

40%

20

20

1-10-10

20

(P. 1012)

1-10-10 - P. 1012

20

20

20

20

20

(P. 1012)

829

B8131A4-Bk-66-1

7/9

8/6

95

(928)

830

B8131A4-Bk-153

-2

7/8

8/6

75

(932)

831

C610A-

7/12

8/15

80

(14367-69)

832

C642A-31-5-2-4

-2

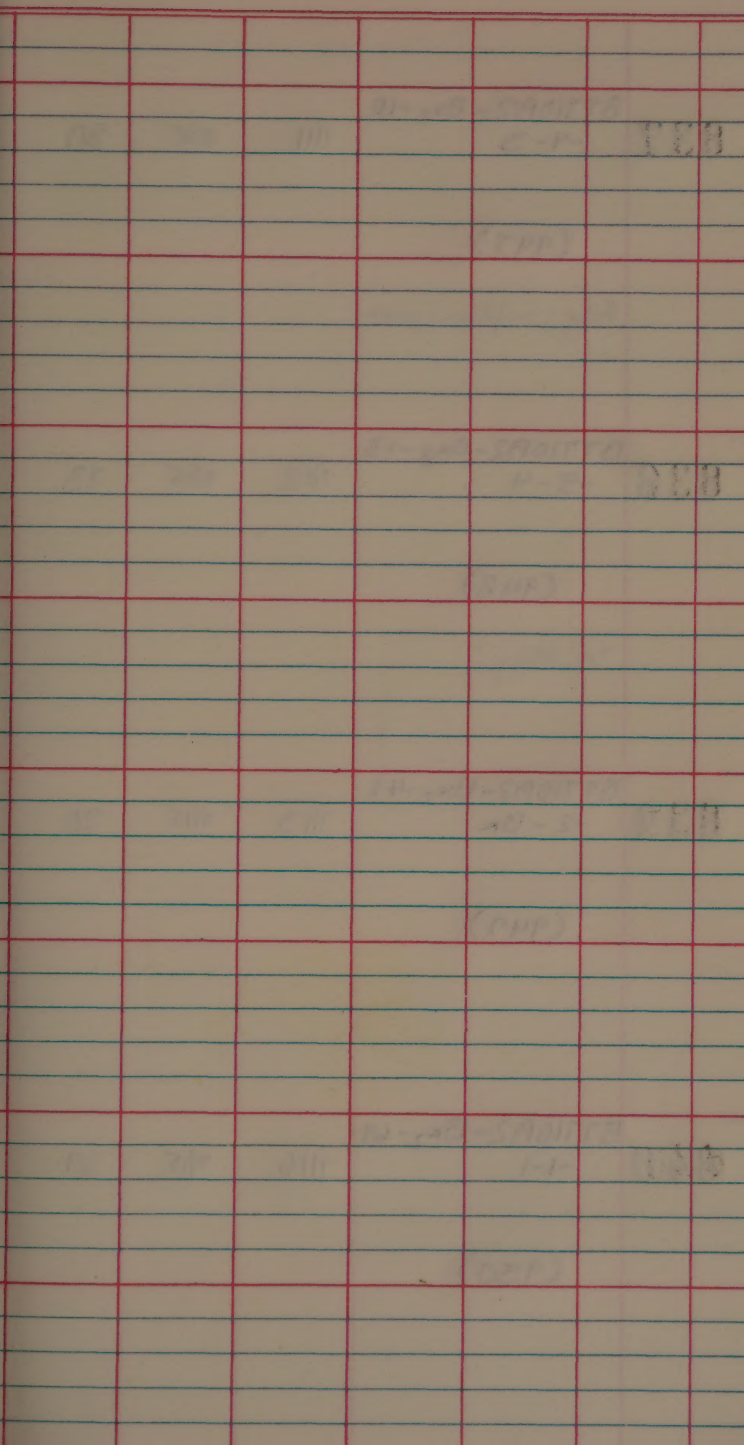
7/10

8/13

78

(8664)

833	CG15A-BK ₂ -116-3 -5-3	7/11	8/15	69
Hv'd border	(11377)			
	Excellent surf	UHM VUF		
834	CG15A-	7/16	8/21	87
Hv'd border	(11396-99)			
	late but very good; clean leaves	UHM		
835	CG12A-BK-21-5 -5-BK	7/7	8/6	92
	(940)			
836	CG11A-BK-26-2 -3-BK	7/12	8/13	80
☆	(941)			
Hv'd border				



837

BTT10A2-Bk₂-10
-4-3

7/11

8/15

80

(947)

Lefty; misfire; power

838

BTT10A2-Bk₂-13
-5-4

7/12

8/15

73

(948)

Too lefty?

839

BTT10A2-Bk₂-41
-2-Bk

7/13

8/15

70

(949)

840

BTT10A2-Bk₂-69
-1-1

7/16

8/15

69

(950)

841

BT725A1-Bk-7-3
-3-3

7/12

8/15

82

(954)

842

BT725A1-Bk-44
-3-4-1

7/11

8/15

86

(955)

843

BT725A1-Bky-

7/13

8/15

80

(957)

844

BT725A1-Bky-

7/9

8/13

74

(960)

849

B7810A1-BK-109-4-1-2

7/12

8/13

65

Hv'd border

(969)

Very short but very
good; more tiles?

850

B7810A1-

7/8

8/6

77

(970)

851

B7810A1-

7/11

8/13

76

(971)

852

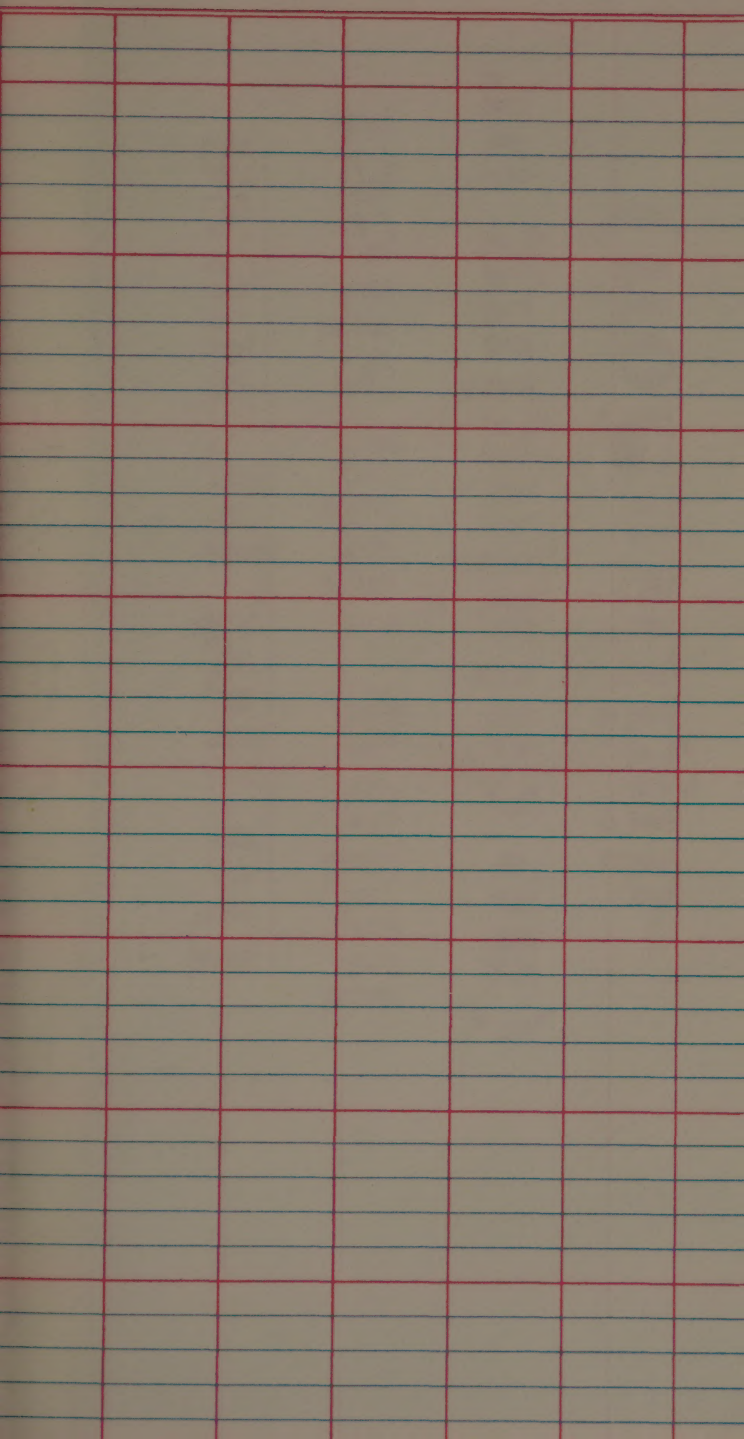
B7810A1-

7/10

8/13

77

(973)



B8131A = LEAH/8003050

B8130A = LEAH/LMNT

C625A = SKBT/7802003

C612A = 9881/331581//7402003

C623A = SKBT/7402003

C634A = LBLE/7802003

C614A = 9881/331581//7802003

C667A = SKBT//SSD/SSS

C622A = SKBT/L201

C609A = 9881/331581//7801067

C611A = 9881/331581//L201

B7710A = LBNT/331581

B7725A = DAWN/331581

C610A = 9881/331581//SKBT

C642A = 9881/331581//7801007

C615A = 9881/331581//7701074

B7810A = LBNT//9881/331581/3/DAWN/245717//13-D/RXRE

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

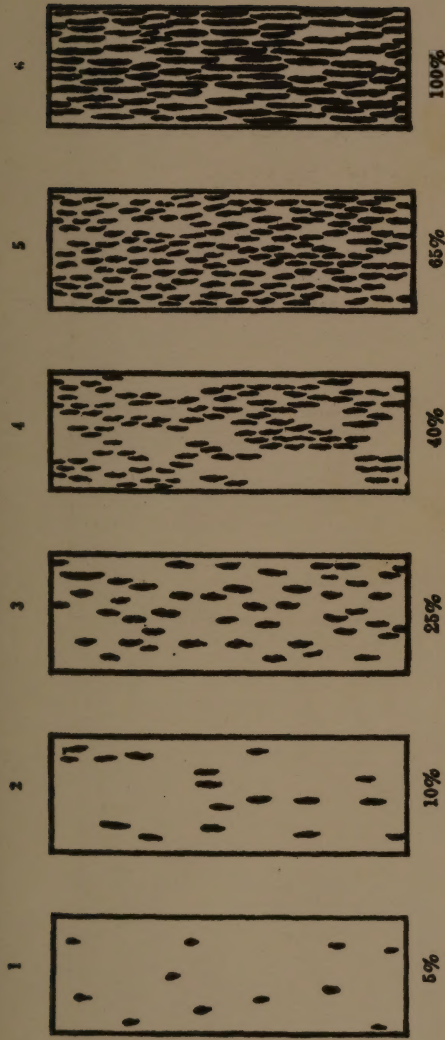


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

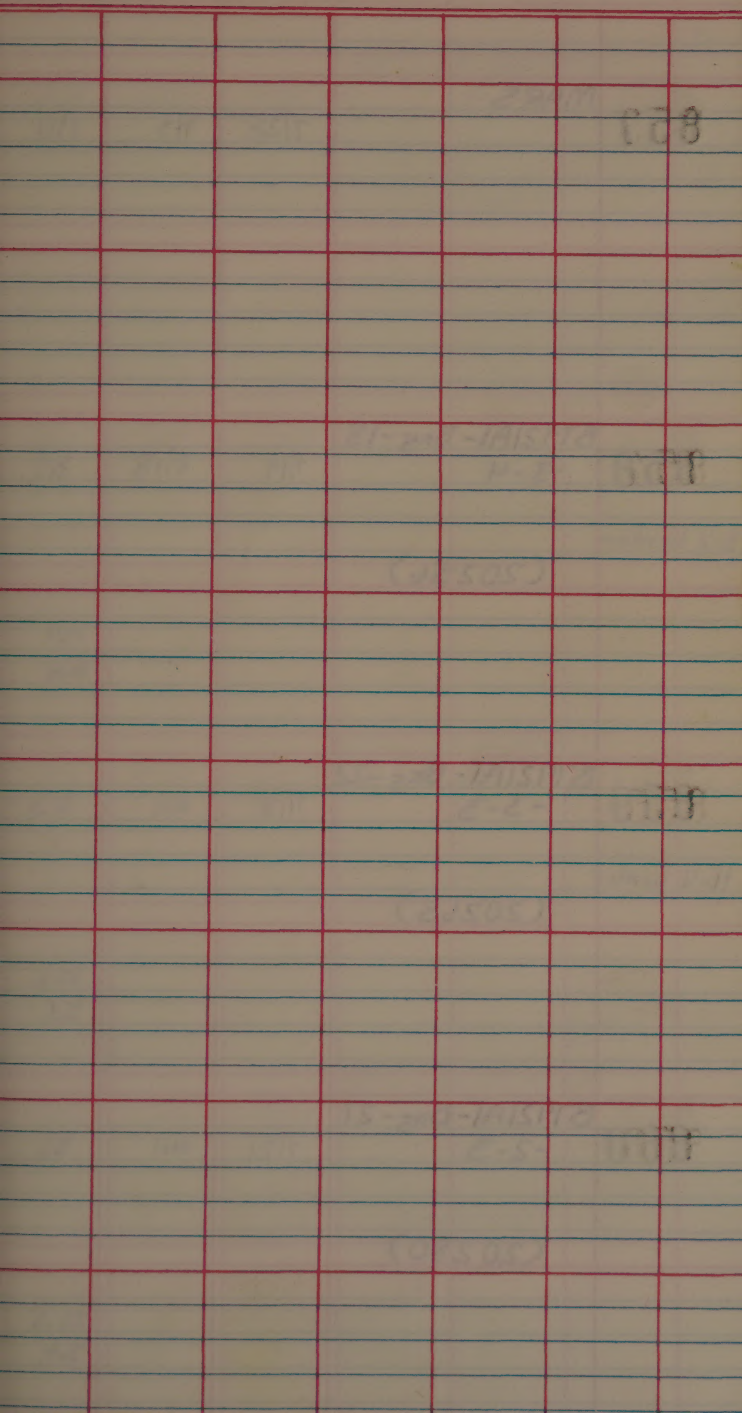


SNP Group V

Anylose and alkali
readings based on
1984 data

Seeded 5/8

				Ht. (cm)
853	BT921A1-BK5-5-2 -4	7/23	8/25	93
	(20230)			
				22.9 Int
854	BT921A1-BK5-6-2 -3	7/18	8/21	108
	(20234)			
	taller			
855	BT921A1-BK5-11 -3-4	7/21	8/25	80
Hv'd border	(20245)			
	Excellent	UHM		22.7 Int.
856	BT921A1-BK5-13 -2-1	7/23	8/25	93
Hv'd border				
	Very good	UHM		



857

MARS

7/28

9/3

110

858

B7921A1-BK5-18

-3-4

7/19

8/18

89

Hv'd border

(20256)

19.4

mix

859

B7921A1-BK5-22

-3-3

7/18

8/21

83

Hv'd border

(20265)

23.2

Int.

860

B7921A1-BK5-27

-2-3

7/21

8/21

86

(20280)

23.5

Int.

861	BT921A1-BK5-29 -2-BK	7/20	8/18	83
-----	-------------------------	------	------	----

(20283)

862	PCOS	7/23	9/3	110
-----	------	------	-----	-----

863	BT921A1-BK5-30 -2-BK	7/21	8/18	85
-----	-------------------------	------	------	----

Hv'd border

(20286)

15.4

Low

864	BT921A1-BK5-38 -2-4	7/28	9/3	88
-----	------------------------	------	-----	----

Hv'd border

(20299)

Long wide flaps
= very deep
Save for special
studies?

865	B7921A1-BK5-39 -1-1	7/23	8/29	87
-----	------------------------	------	------	----

(20301)

More leaf emergence
(Co?)

866	B7921A1-BK5-43 -2-4	7/19	8/18	84
-----	------------------------	------	------	----

Hv'd border

(20309)

eggs

24.4
Low

867	RICO 1	7/23	9/8	111
-----	--------	------	-----	-----

868	B7921A1-BK5-44 -3-1	7/23	8/29	94
-----	------------------------	------	------	----

(20311)

869

B7921A1-BK5-48
-3-2

7/16

8/18

89

Hv'd border

(20322)

14.3

Low

870

B7921A1-BK5-50
-2-3

7/20

8/21

87

(20334)

14.0

Int.

871

7/31

9/8

140

(1009)

Tall, leafy, weak

872

B7921A1-BK5-55
-1-BK

7/18

8/18

80

Hv'd border

(20338)

12-20-1915

2-1

838

(1500)

12-20-1915

2-1

838

(1500)

12-20-1915

2-1

838

(1500)

12-20-1915

2-1

838

80%

873	B7921A1-Bk5-57 -1-Bk	7/18	8/18	87
-----	-------------------------	------	------	----

(20341)

24.7
Low

874	B7921A1-Bk5-60 -1-3	7/21	8/21	86
-----	------------------------	------	------	----

(20350)

long wide flags;
leafy

23.7
Int

875	B7921A1-Bk5-63 -2-4	7/24	8/25	84
-----	------------------------	------	------	----

Hv'd border

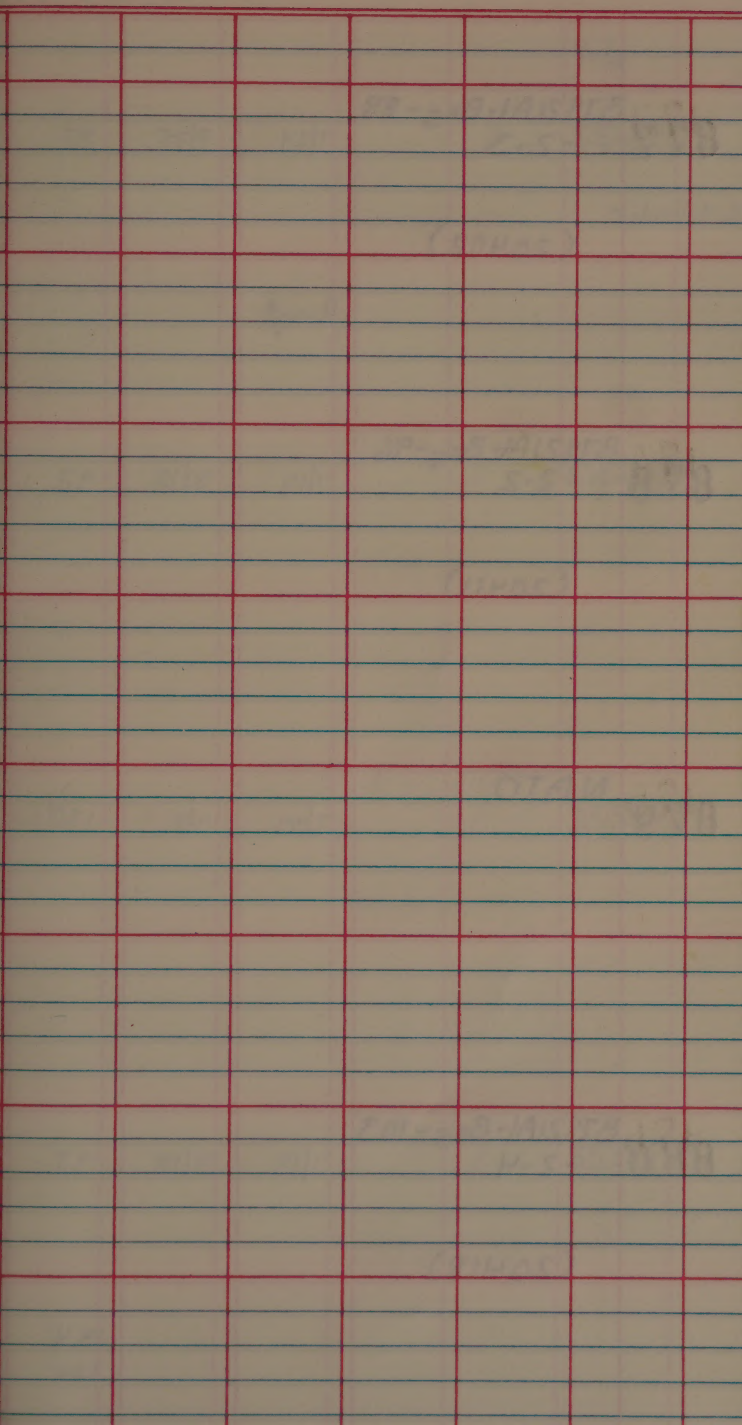
(20362)

long

876	B7921A1-Bk5-67 -2-5	7/21	8/18	84
-----	------------------------	------	------	----

Hv'd border

23.0
Int



877

BT921A1-BK5-88
-2-3

7/24

8/25

82

Hv'd border

(20402)

2 mgst

878

BT921A1-BK5-96
-2-2

7/18

8/18

92

(20411)

879

NATO

7/30

9/8

132

880

BT921A1-BK5-103
-2-4

7/18

8/18

97

(20418)

15.4
Low

16/A

5561

5104

60%

2935

5032

881	BT921A1-Bk5-111 -1-5	7/20	8/18	91
Hv'd border	(20424)			17.5 Low
882	BT921A1-Bk5-112 -2-4	7/23	8/25	83
Hv'd border	(20429)			
	Excellent	UHM UF		26.2 Int.
883	BT921A1-Bk5-116 -3-3	7/20	8/18	90
	(20438)			
884	BT921A1-Bk5-120 -3-3	7/21	8/25	80
Hv'd border	(20443)	UHM		23.8 Int.

885 VSTA

7/20

9/3

127

886 BT921A1-BK5-125

7/22

8/25

82

Hv'd border

(20448)

887 BT921A1-BK5-127

-2-4

7/26

9/3

88

(20455)

888 BT921A1-BK5-132

-3-2

7/20

8/21

88

(20463)

60%

088

088

088

088

889	B7921A1-BK5-137 -1-3	7/18	8/21	82
-----	-------------------------	------	------	----

(20469)

890	B7921A1-BK5-149 -1-3	7/24	8/25	84
-----	-------------------------	------	------	----

☆☆ (20485)

Hvd border Excellent lgt

891	B7921A1-BK5-153 -3-2	7/24	8/29	89
-----	-------------------------	------	------	----

(20489)

24.9
Int.

892	STRN	7/27	9/3	131
-----	------	------	-----	-----

80%

893 BT921A1-BK5-157
-3-5

7/19

8/21

80

Hr'd border

(20497)

UF

UHM

23.3

Int.

894 BT921A1-BK5-170
-3-4

7/18

8/21

94

(20506)

22.9

Low-Int.

895 BT921A1-BK5-177
-1-4

7/20

8/21

94

(20516)

22.3

Int.

896 BT921A1-BK5-200
-3-4

7/25

8/29

93

21.0

Int.

897 BT921A1-Bk₅-204
-1-5

7/20

8/21

91

898 BT921A1-Bk₅-206
-2-3

7/19

8/18

82

(20541)

15.1

Low

899 BT921A1-Bk₅-213
-2-2

7/22

8/21

88

(20545)

11.4

High

900 BT921A1-Bk₅-226
-3-3

7/23

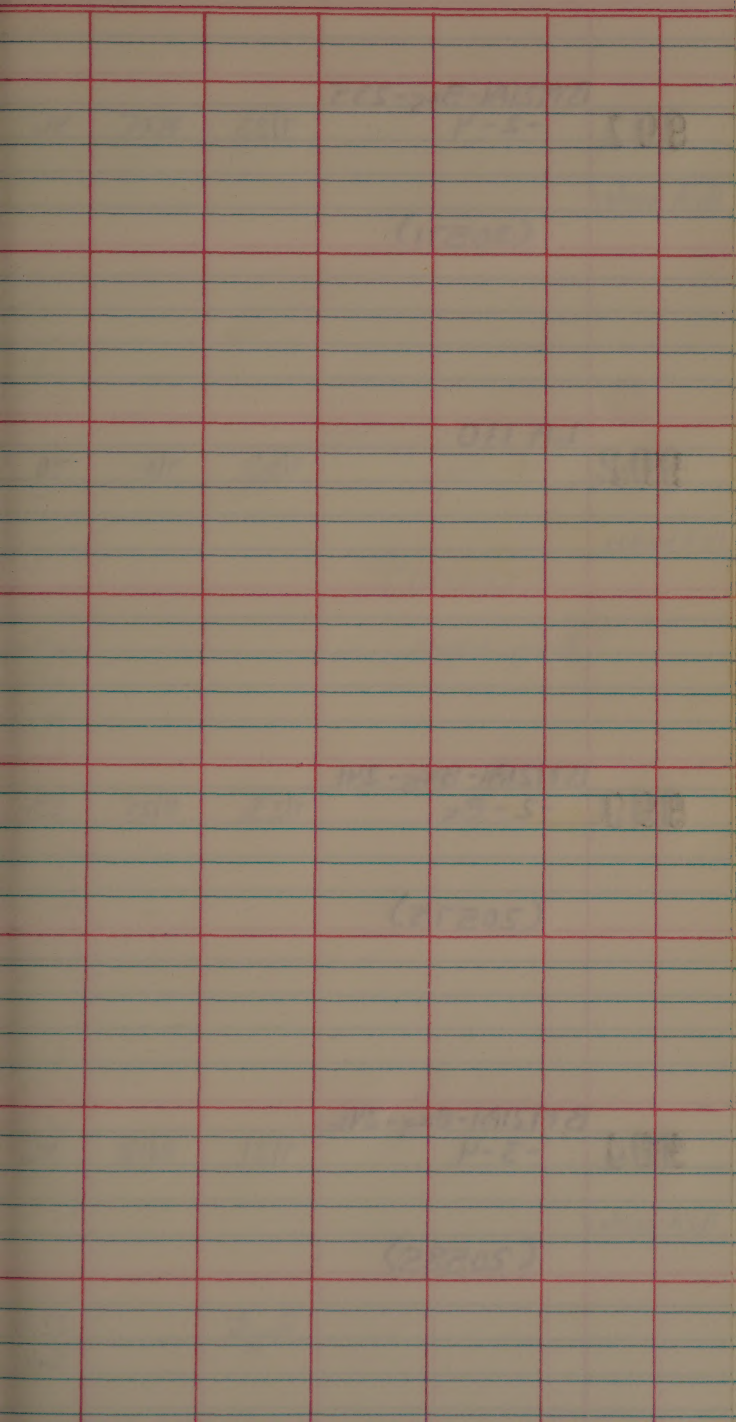
8/29

84

(20551)

17.0

Low



901

BT921A1-Bk5-235
-2-4

7/23

8/25

86

Hv'd border

(20571)

902

LA 110

7/30

9/8

90

Hv'd border

Early toques

903

BT921A1-Bk5-241
-2-Bk

7/23

8/25

83

(20575)

904

BT921A1-Bk5-246
-3-4

7/21

8/18

85

Hv'd border

(20585)

Length

22.5
Int.

905

B7921A1-BK5-256

-1-2

7/24

8/29

83

(20588)

906

B7921A1-BK5-258

-3-BK

7/23

8/25

88

(20592)

22.4

Int.

907

NV 66

7/28

9/8

130

908

B7921A1-BK5-274

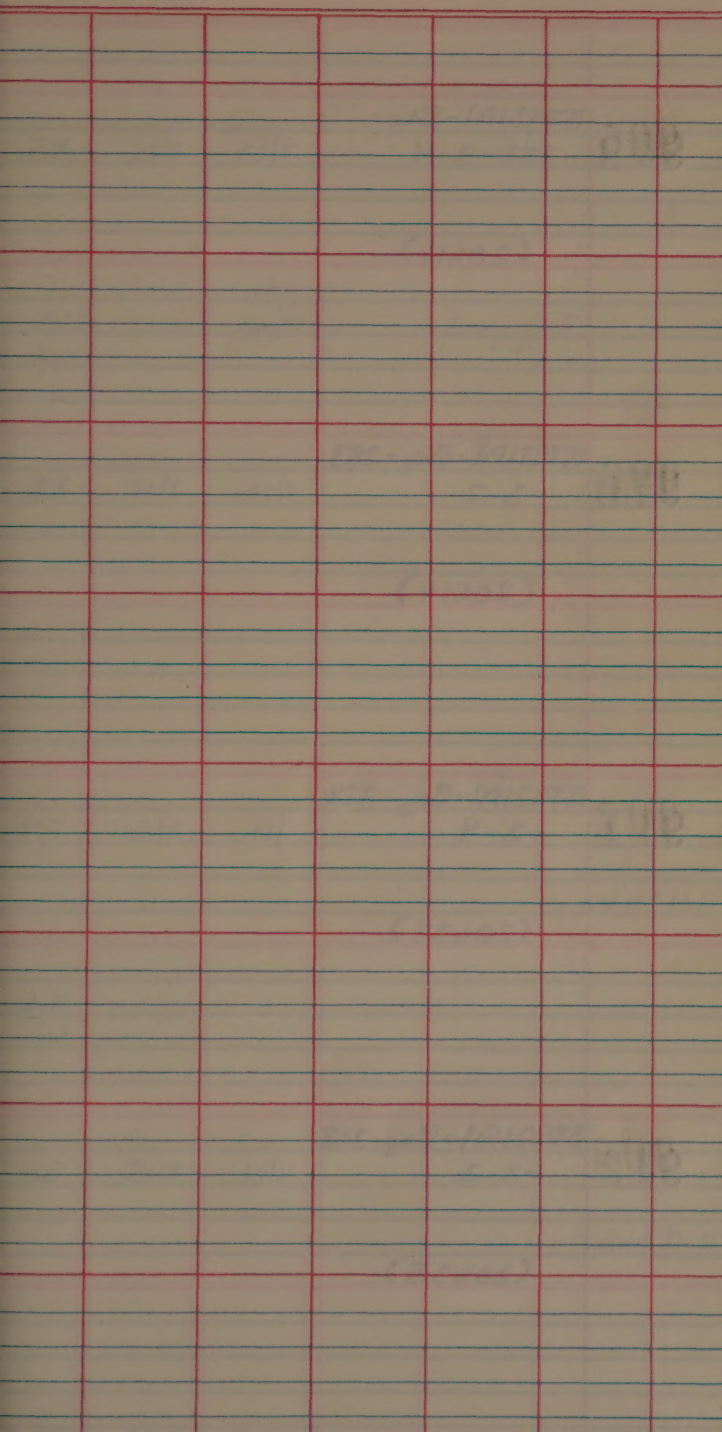
-3-3

7/22

8/25

84

(20610)



909

BT921A1-BK5-
281-3-4

7/23

8/25

85



(20616)

Very good

lgts

Ultr

21.9
High

910

BT921A1-BK5-283
-3-2

7/23

8/25

83

(20619)

911

BT921A1-BK5-294
-2-4

7/19

8/18

84

Hv'd border

(20632)

16.6
Low

912

BT921A1-BK5-298
-3-2

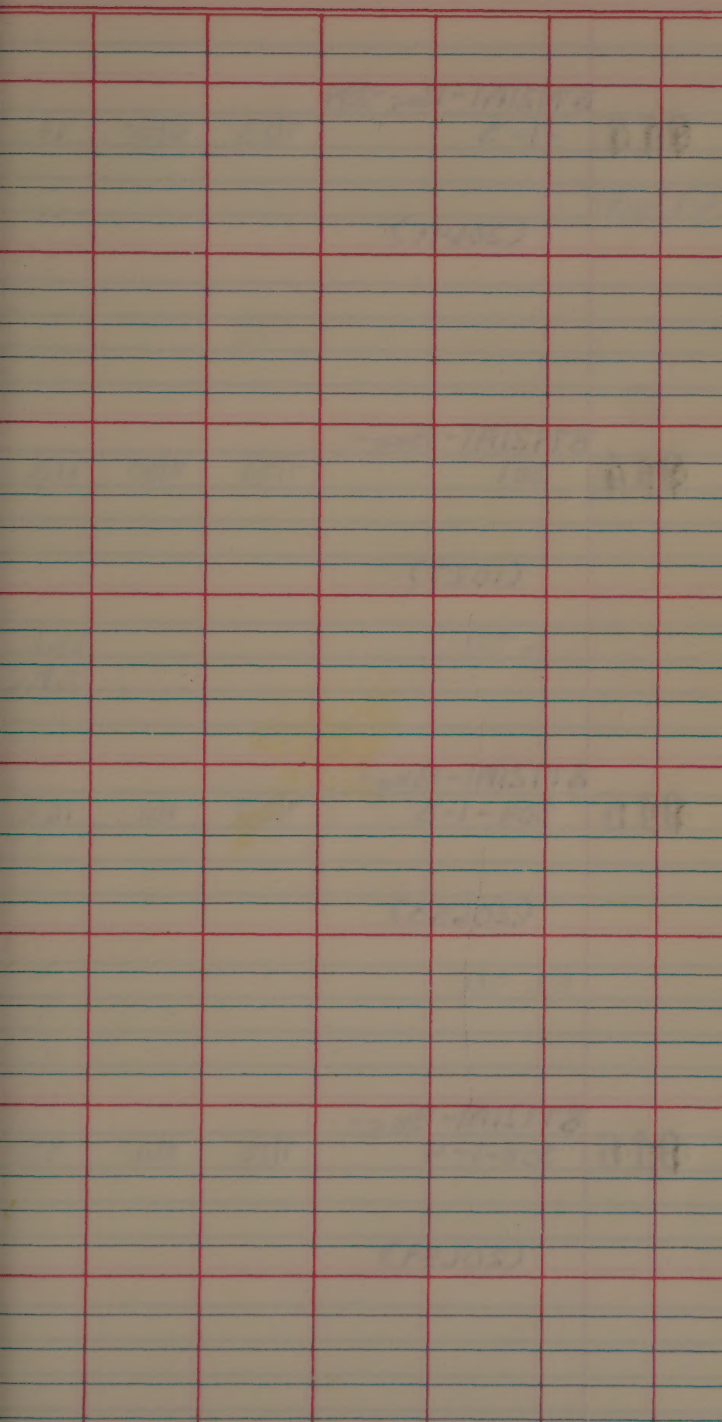
7/21

8/25

81

Hv'd border

(20635)



913 B7921A1-BK5-299
-1-3

7/23

8/25

88

Hv'd border

(20641)

914 B7921A1-BK5-
301

7/21

8/25

112

(1027)

Too tall

24.1
Int.

915 B7921A1-BK5-
304-1-3

7/20

8/21

107

(20653)

Rd. TU

916 B7921A1-BK5-
308-1-4

7/22

8/21

93

(20659)

917	B7921A1-BK5- 323-1-4	7/18	8/18	101
-----	-------------------------	------	------	-----

(20681)

918	B7921A1-BK5- 328-1-4	7/19	8/18	99
-----	-------------------------	------	------	----

(20686)

23.1
Int.

919	B7921A1-BK5- 335-3-BK	7/20	8/21	85
-----	--------------------------	------	------	----

(20693)

12.6
High

920	B7921A1-BK5- 337-3-5	7/20	8/25	93
-----	-------------------------	------	------	----

(20700)

BT921A1-BK5-
921 372-2-4 7/21 8/18 89

(20719)

12.3
High

BT921A1-BK5-
922 375-3-3 7/21 8/18 85

(20729)

16.8
Low

BT921A1-BK5-
923 376-2-4 7/19 8/18 86

Hv'd border

(20735)

BT921A1-BK5-
924 383-2-4 7/22 8/25 88

Hv'd border

(20740)

UHM

Very good

22.9
Int.

23	410	100	200-1000	200
			(1000)	
24	410	100	200-1000	200
			(1000)	
25	410	100	200-1000	200
			(1000)	
26	410	100	200-1000	200
			(1000)	
27	410	100	200-1000	200
			(1000)	
28	410	100	200-1000	200
			(1000)	
29	410	100	200-1000	200
			(1000)	
30	410	100	200-1000	200
			(1000)	
31	410	100	200-1000	200
			(1000)	
32	410	100	200-1000	200
			(1000)	
33	410	100	200-1000	200
			(1000)	
34	410	100	200-1000	200
			(1000)	
35	410	100	200-1000	200
			(1000)	
36	410	100	200-1000	200
			(1000)	
37	410	100	200-1000	200
			(1000)	
38	410	100	200-1000	200
			(1000)	
39	410	100	200-1000	200
			(1000)	
40	410	100	200-1000	200
			(1000)	
41	410	100	200-1000	200
			(1000)	
42	410	100	200-1000	200
			(1000)	
43	410	100	200-1000	200
			(1000)	
44	410	100	200-1000	200
			(1000)	
45	410	100	200-1000	200
			(1000)	
46	410	100	200-1000	200
			(1000)	
47	410	100	200-1000	200
			(1000)	
48	410	100	200-1000	200
			(1000)	
49	410	100	200-1000	200
			(1000)	
50	410	100	200-1000	200
			(1000)	
51	410	100	200-1000	200
			(1000)	
52	410	100	200-1000	200
			(1000)	
53	410	100	200-1000	200
			(1000)	
54	410	100	200-1000	200
			(1000)	
55	410	100	200-1000	200
			(1000)	
56	410	100	200-1000	200
			(1000)	
57	410	100	200-1000	200
			(1000)	
58	410	100	200-1000	200
			(1000)	
59	410	100	200-1000	200
			(1000)	
60	410	100	200-1000	200
			(1000)	
61	410	100	200-1000	200
			(1000)	
62	410	100	200-1000	200
			(1000)	
63	410	100	200-1000	200
			(1000)	
64	410	100	200-1000	200
			(1000)	
65	410	100	200-1000	200
			(1000)	
66	410	100	200-1000	200
			(1000)	
67	410	100	200-1000	200
			(1000)	
68	410	100	200-1000	200
			(1000)	
69	410	100	200-1000	200
			(1000)	
70	410	100	200-1000	200
			(1000)	
71	410	100	200-1000	200
			(1000)	
72	410	100	200-1000	200
			(1000)	
73	410	100	200-1000	200
			(1000)	
74	410	100	200-1000	200
			(1000)	
75	410	100	200-1000	200
			(1000)	
76	410	100	200-1000	200
			(1000)	
77	410	100	200-1000	200
			(1000)	
78	410	100	200-1000	200
			(1000)	
79	410	100	200-1000	200
			(1000)	
80	410	100	200-1000	200
			(1000)	
81	410	100	200-1000	200
			(1000)	
82	410	100	200-1000	200
			(1000)	
83	410	100	200-1000	200
			(1000)	
84	410	100	200-1000	200
			(1000)	
85	410	100	200-1000	200
			(1000)	
86	410	100	200-1000	200
			(1000)	
87	410	100	200-1000	200
			(1000)	
88	410	100	200-1000	200
			(1000)	
89	410	100	200-1000	200
			(1000)	
90	410	100	200-1000	200
			(1000)	
91	410	100	200-1000	200
			(1000)	
92	410	100	200-1000	200
			(1000)	
93	410	100	200-1000	200
			(1000)	
94	410	100	200-1000	200
			(1000)	
95	410	100	200-1000	200
			(1000)	
96	410	100	200-1000	200
			(1000)	
97	410	100	200-1000	200
			(1000)	
98	410	100	200-1000	200
			(1000)	
99	410	100	200-1000	200
			(1000)	
100	410	100	200-1000	200
			(1000)	

925	BT921A1-BK5- 384-1-2	7/24	8/29	85
-----	-------------------------	------	------	----

(20743)

926	BT921A1-BK5- 387-2-3	7/21	8/25	82
-----	-------------------------	------	------	----

(20749)

19.9
Int.

927	BT921A1-BK5- 389-2-3	7/21	8/21	80
-----	-------------------------	------	------	----

(20755)

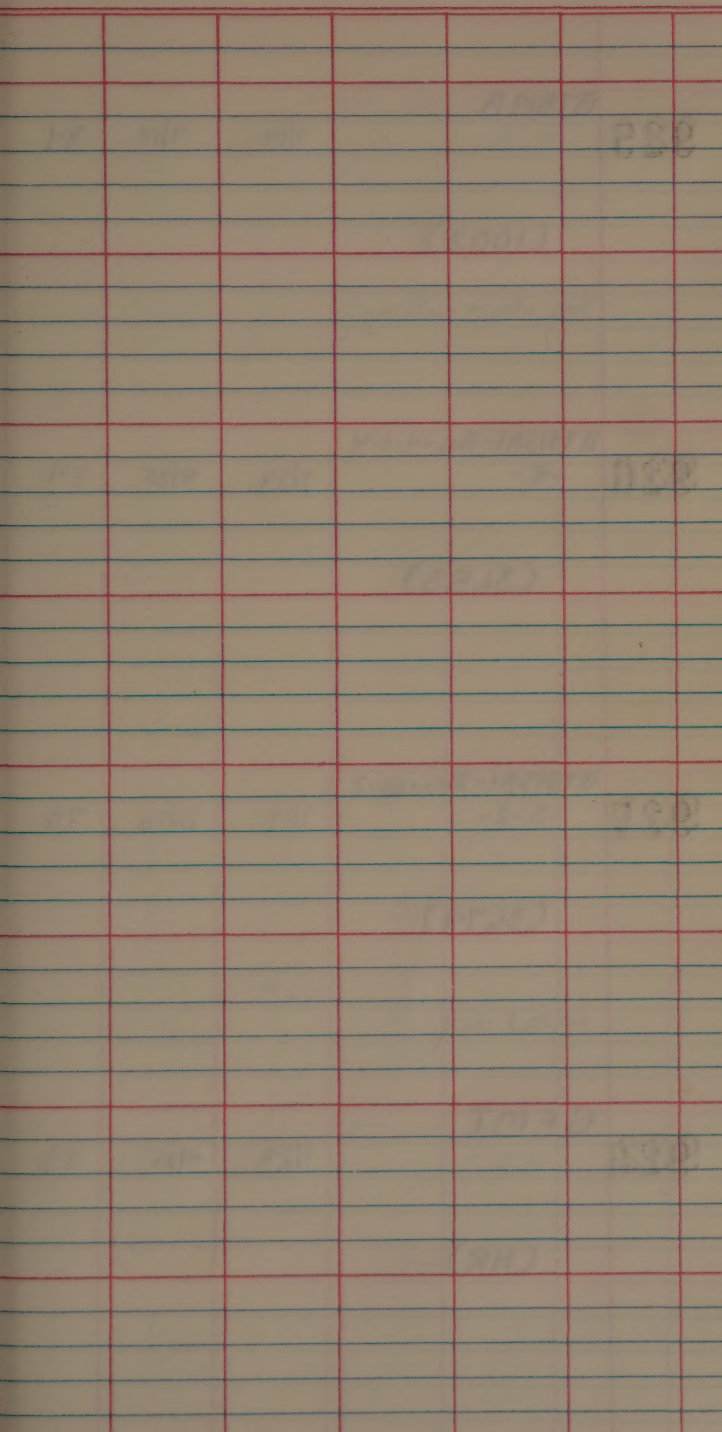
Small pencil

928	BT921A1-BK5-401 -1-BK	7/19	8/21	77
-----	--------------------------	------	------	----

(20764)

more Co

24.6
mix



81
929

B7819A

7/18

9/18

84

(1002)

Very slow melting!

930

B7513A1-Bk₂-4-1-4
-5-

7/24

8/25

84

(3653)

931

B7513A1-Bk₂-30-2
-3-2-

7/19

8/18

78

(3679)

VVF

Excellent dry

932

GFMT

7/23

8/25

83

(HR)

933 BT513A1-Bk₃-37
-5-5-1 7/24 8/29 79

(5571)

934 Costa Rica 1113
8/6 9/8 92

Hv'd border

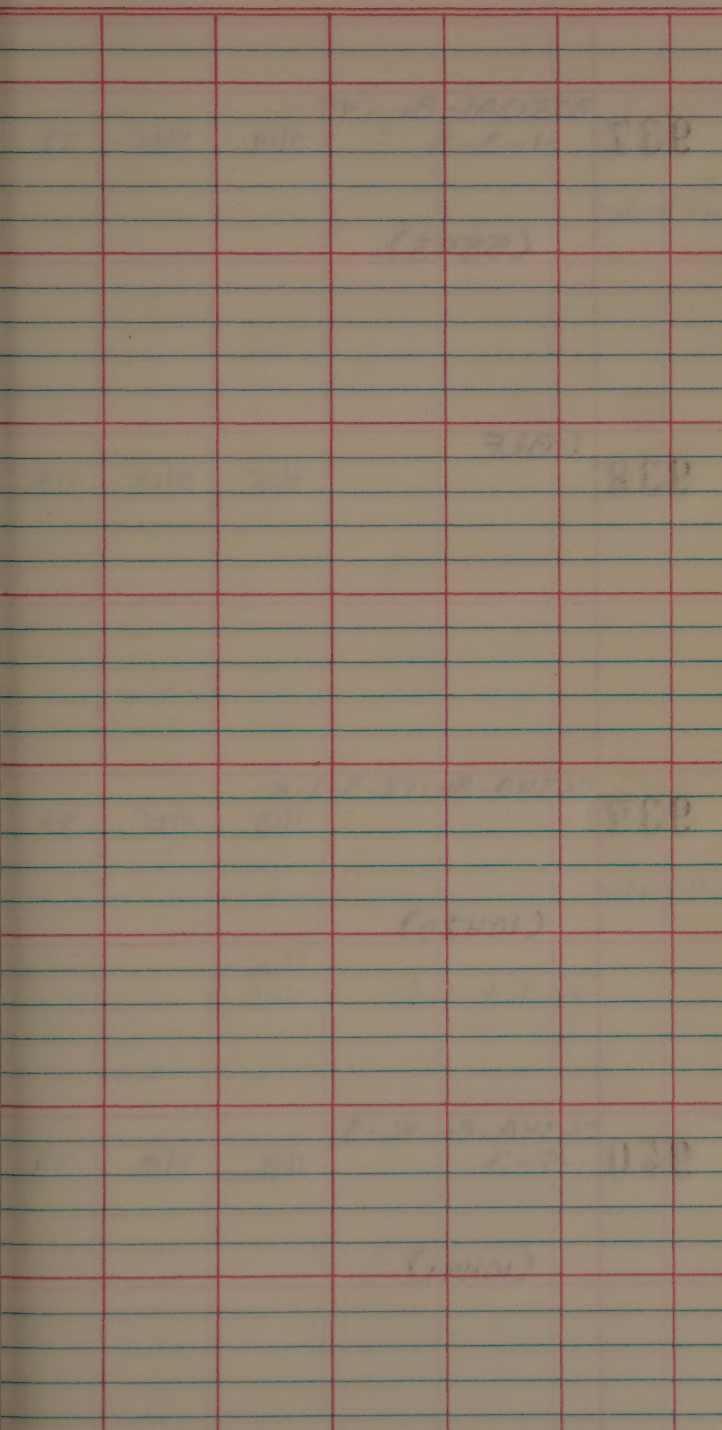
(19824)

935 BT513A1-Bk₃-39
-3-4-2 7/23 8/25 81

(5577)

936 BT513A1-Bk₃-44
-4-1-3 7/22 8/29 76

(5588)



937

BT513A1-Bk₃-45
-1-3-3

7/24

8/25

77

Hv'd border

(5593)

938

LBLE

7/15

8/18

118

939

C634A-BK-17-3-1-5

7/18

8/25

81

Hv'd border

(10420)

Excellent dwarf

UHM
VUF

940

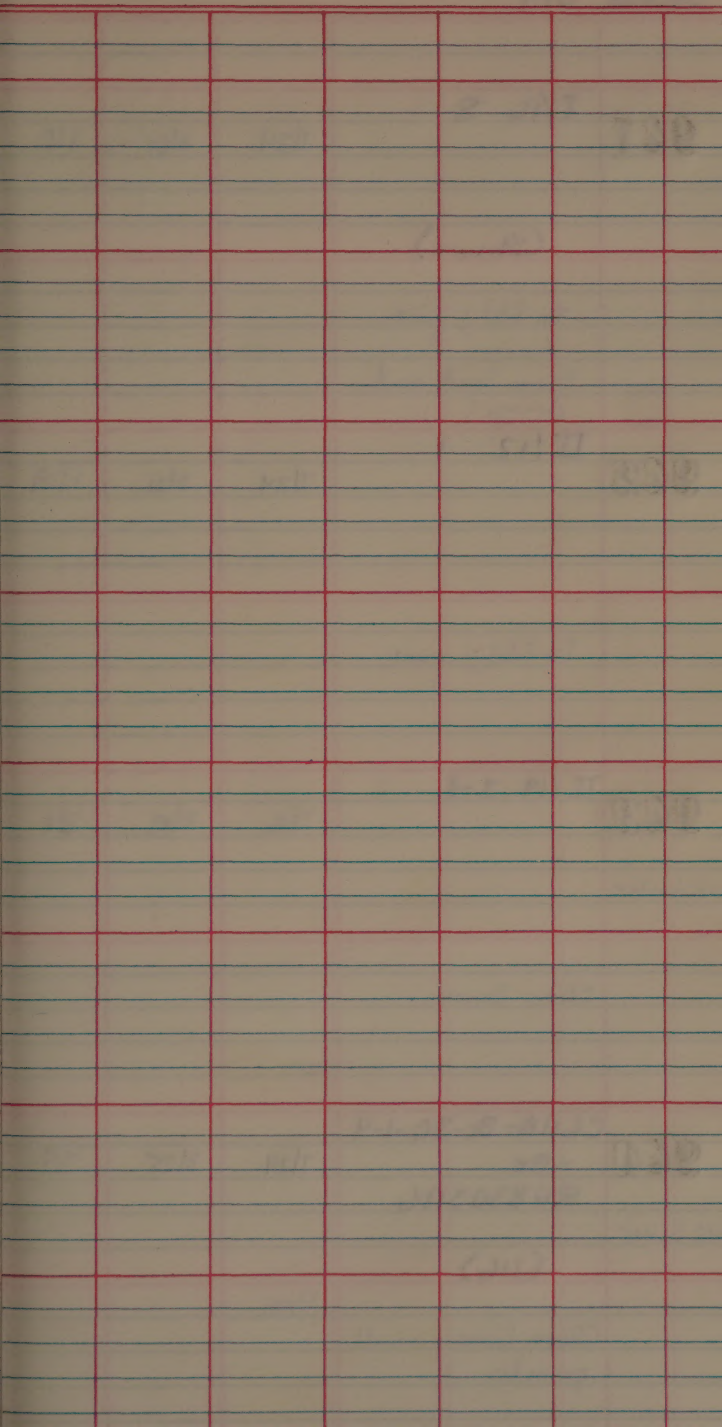
C634A-BK-46-3
-5-3

7/17

8/18

77

(10491)



SNP Group VI

Seeded 5/9

941	I/16 8	7/24	8/21	110
-----	--------	------	------	-----

(Shawn)

Too tall; poor

Sever leaf and
damage!

942	II/12 1	7/24	8/21	109
-----	---------	------	------	-----

Too tall; poor

943	II/19 3-1	7/16	8/19	84
-----	-----------	------	------	----

H'd border

Clean leaves

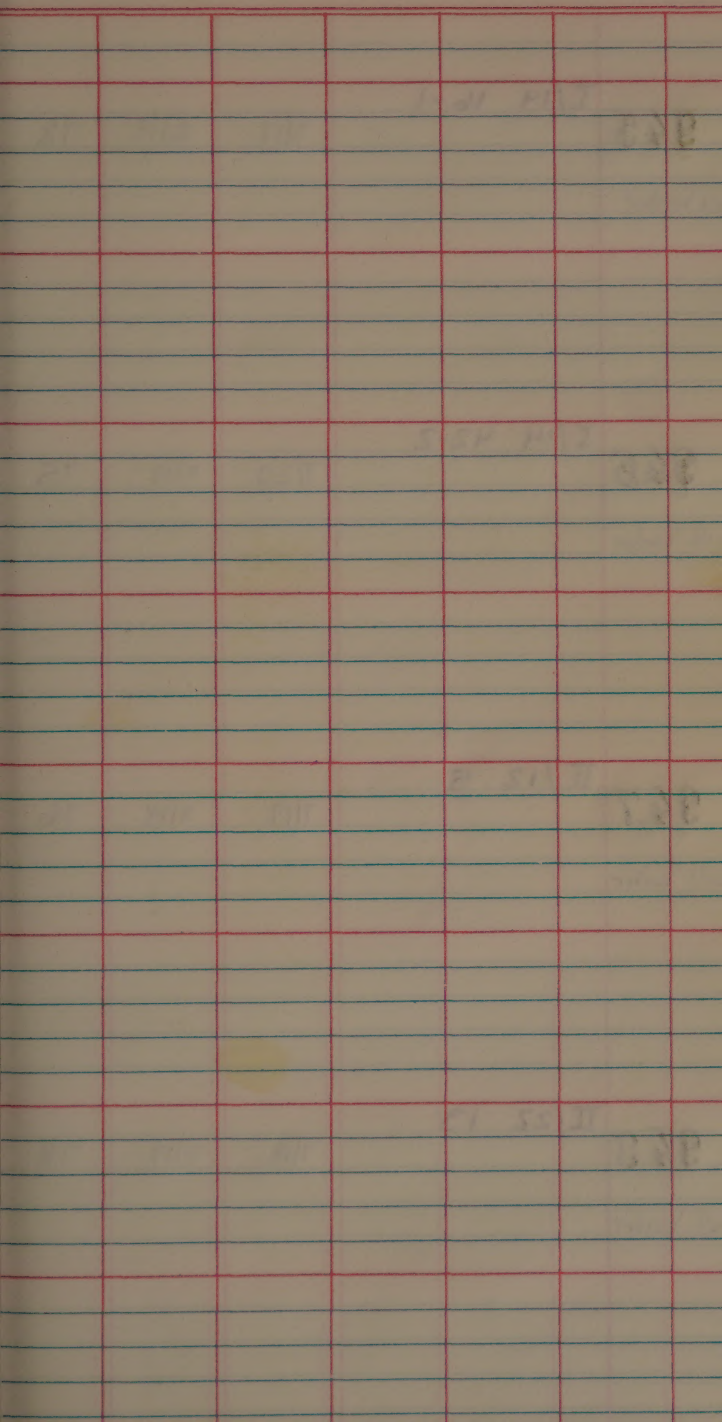
944	CG11A-BK-30-1-4 -BK RV8303116	7/24	8/25	77
-----	-------------------------------------	------	------	----

H'd border

(116)

UHM

Clean leaves; small
panicles



945

I/14 16-1

7/17

8/19

78

Hv'd border

946

I/14 42-2

7/20

8/19

75

Hv'd border

947

II/12 5

7/19

8/19

76

Hv'd border

948

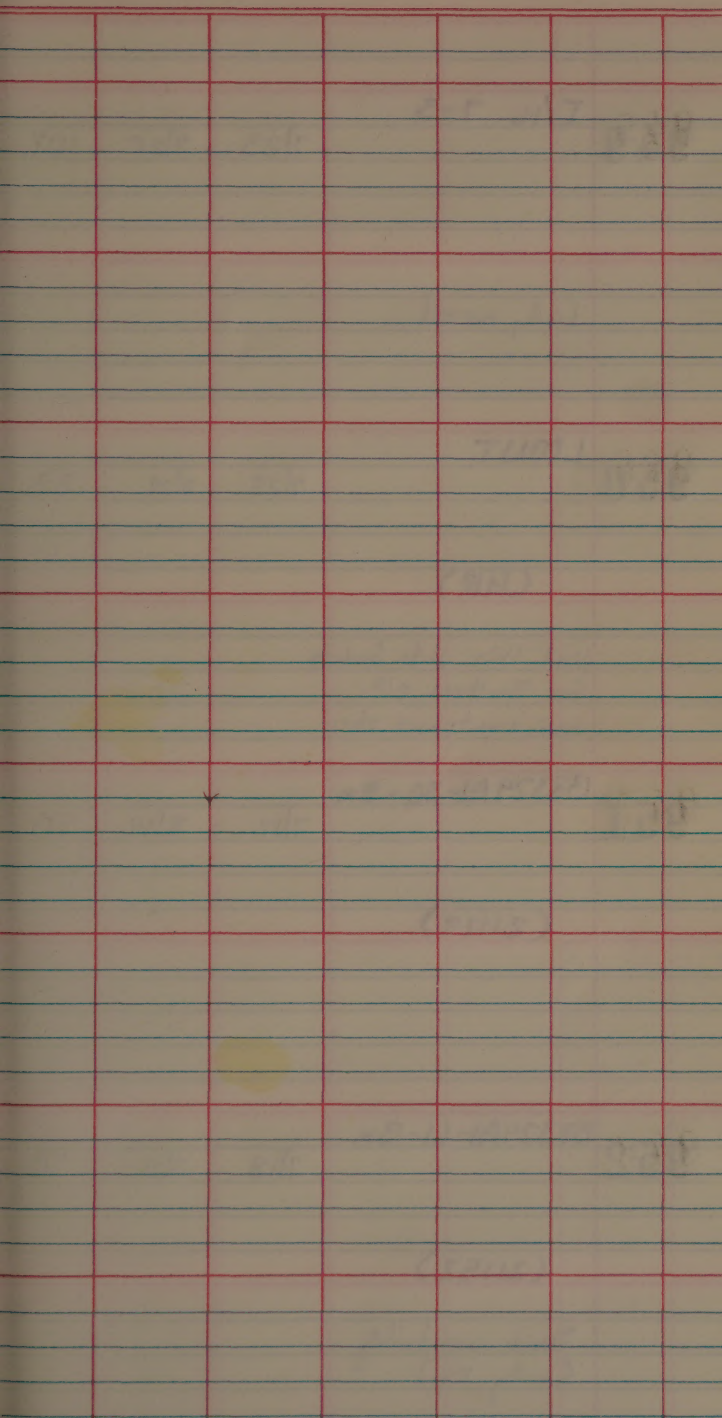
II/22 13

7/18

8/19

78

Hv'd border



949

I/16 7-3

7/23

8/25

107

Leaky normal

950

LMNT

7/27

8/29

83

(HR)

Used this plots borders
for Bouttons C¹³
enrichment; h'd 8/29

951

B8329A1-30-BK

7/17

8/19

80

(21119)

952

B8329A1-61-BK

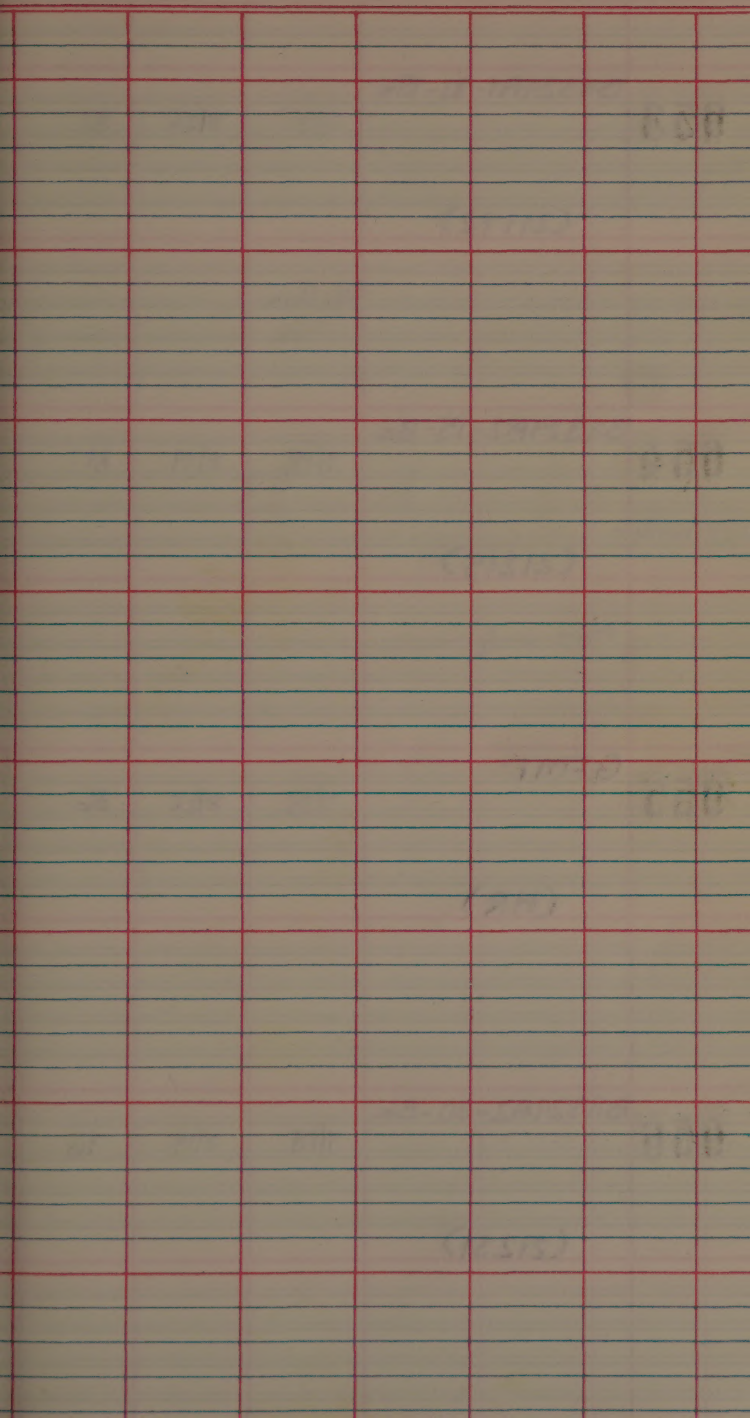
7/18

8/21

80

(21152)

Some variability
(only F₄)



953

B8329A1-81-Bk

7/17

8/25

81

(21172)

del. UHM

954

B8329A2-15-Bk

7/18

8/19

81

Hv'd border

(21215)

more uniform

955

GFMT

7/24

8/25

86

(HR)

956

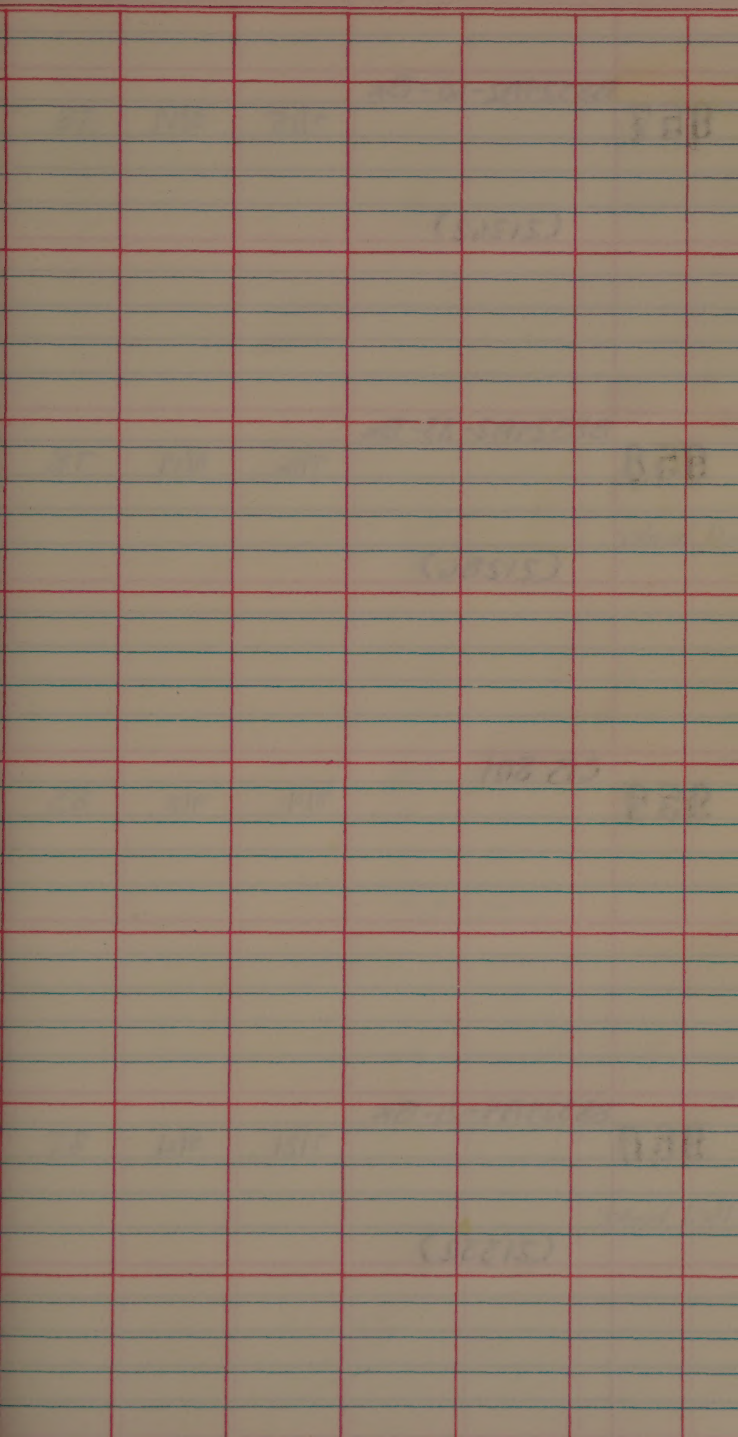
B8329A2-30-Bk

7/18

8/19

76

(21231)



957

B8329A2-60-Bk

7/15

8/19

78

(21262)

958

B8329A2-83-Bk

7/16

8/19

78

Hv'd border

(21286)

959

CB 801

8/4

9/8

83

960

B8329A4-21-Bk

7/21

8/21

87

Hv'd border

(21332)

961

B8329A4-42-BK

7/19

8/29

85

Hv'd border

(21354)

962

B8329A4-92-BK

7/16

8/19

77

(21405)

963

B8332A1-7-BK

7/18

8/19

82

(21607)

964

B8332A1-21-BK

7/19

8/19

86

(21621)

965

B8332A1-27-Bk

7/20

8/19

88

(21628)

966

7/20

8/19

93

(21634)

967

NWRX

7/22

8/25

111

Many tall semisteel
l-mphs!!

968

B8333A1-38

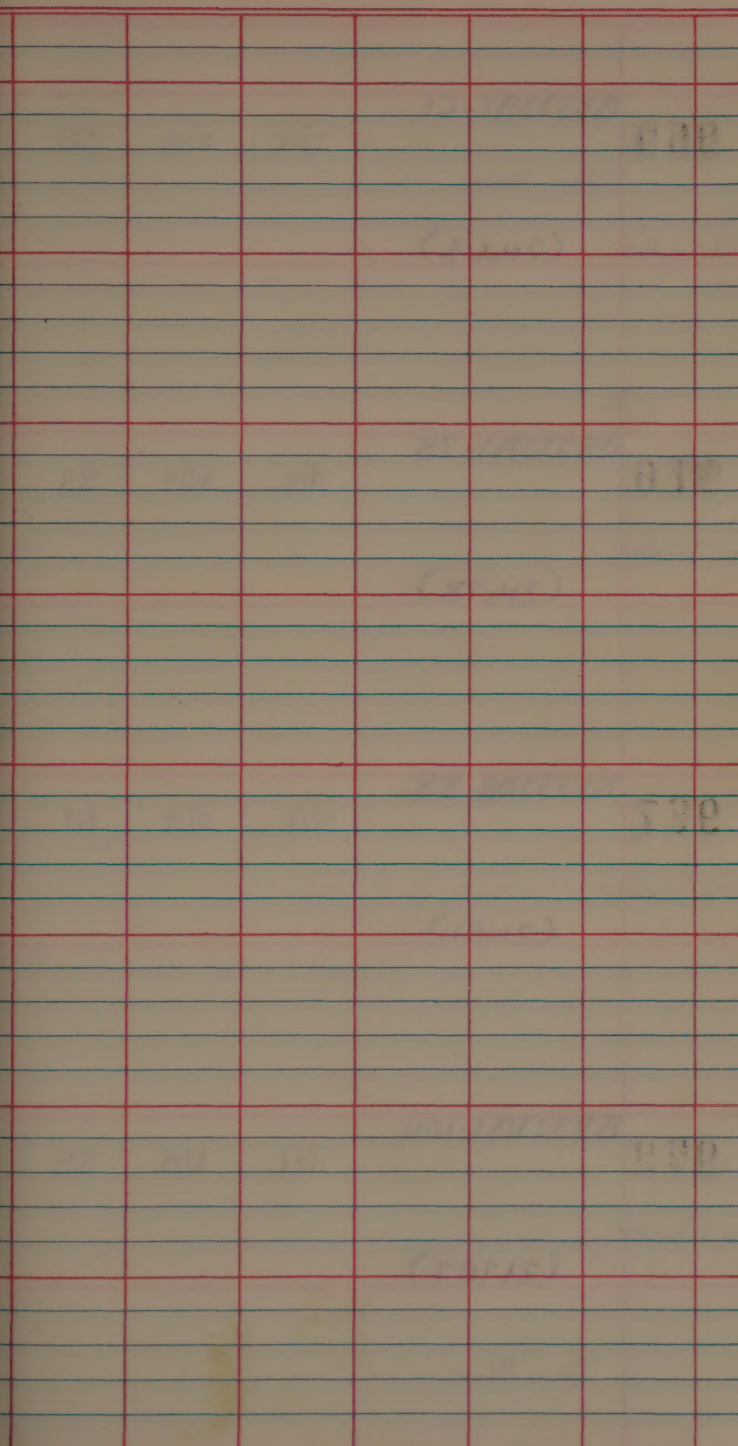
7/20

8/19

91

(21639)

leafy



969

B8333A1-61

7/19

8/19

90

Clean lenses

Hv'd border

(21663)

970

B8333A1-75

7/19

8/19

89

Hv'd border

(21678)

971

B8333A1-88

7/21

8/19

87

Hv'd border

(21691)

972

B8333A1-104

7/21

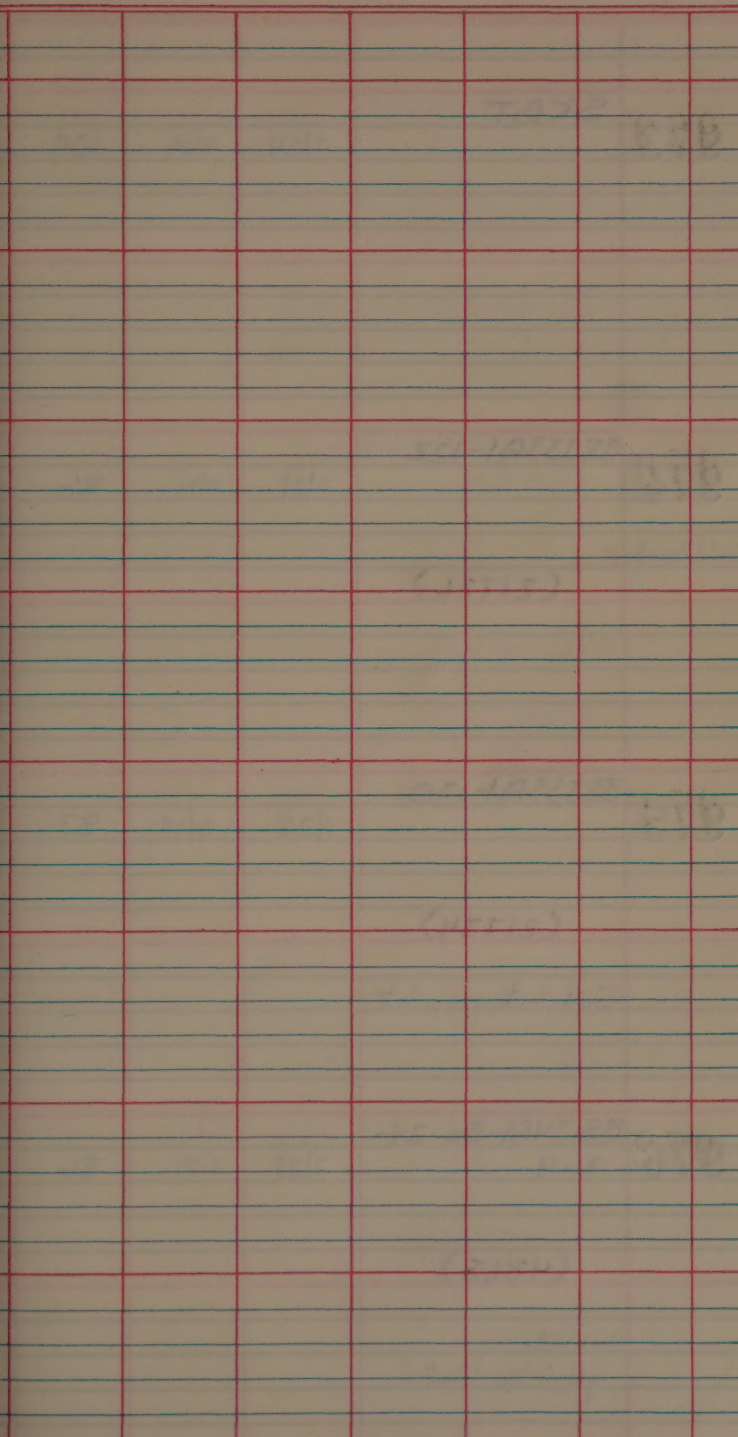
8/19

83

Hv'd border

(21707)

Clean lenses



973

SKBT

7/24

8/29

109

974

B8333A1-122

7/21

8/21

86

Hv'd border

(21726)

Good but var. lit.

975

B8333A1-130

7/20

8/19

87

(21734)

Good but var. lit

976

B8134A1-BK-24-

3-4

7/27

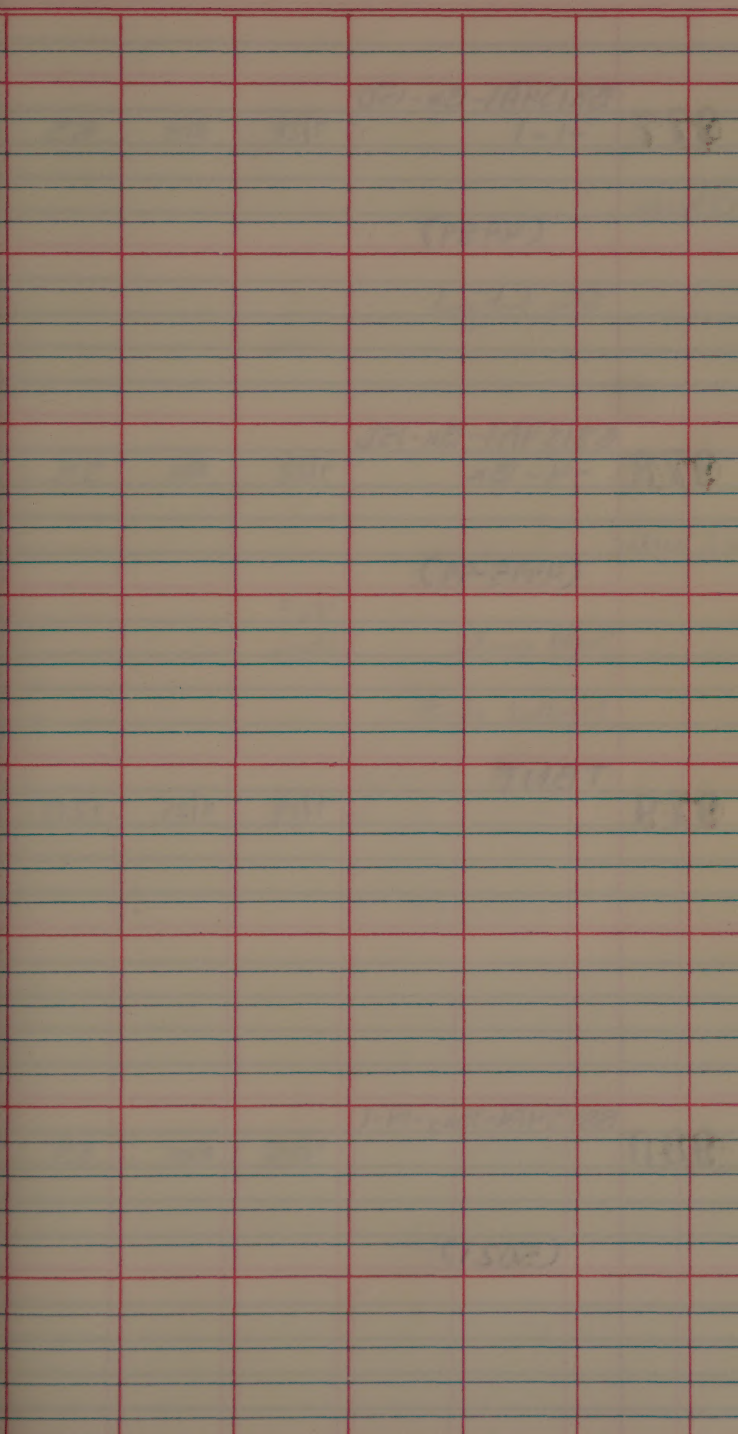
8/29

86

(4868)

Var. lit.

grain too blunt?



Note: B8134A lines tend to have much disease,
disease free leaves; most tend to have
flaps that are too leafy.

977

B8134A1-BK-150

-1-1

7/28

8/29

83

Hv'd border

(4989)

later but good!

978

B8134A1-BK-156

-4-BK

7/22

8/21

74

Hv'd border

(4995-99)

Small pencil

VUF

UHM

Excellent plant

979

TBNT

7/19

8/25

120

980

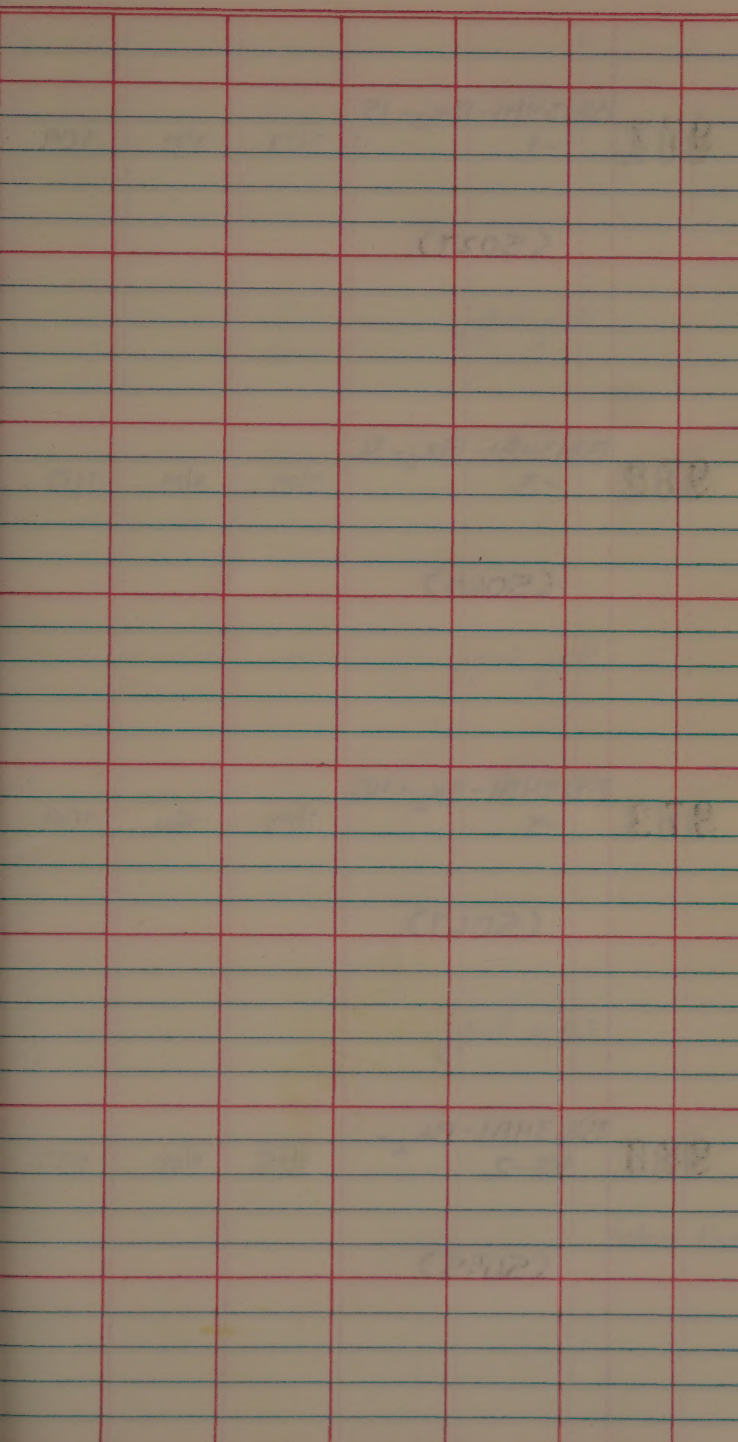
B8134A1-BK₂-14-1

7/25

8/29

89

(5021)



981	B8134A1-Bk ₂ -15 -1	7/29	8/29	109
-----	-----------------------------------	------	------	-----

(5027)

Very leafy

982	B8134A1-Bk ₂ -36 -3	7/29	8/29	110
-----	-----------------------------------	------	------	-----

(5060)

Very leafy

983	B8134A1-Bk ₂ -40 -5	7/25	8/21	109
-----	-----------------------------------	------	------	-----

(5067)

Tall & leafy

984	B8134A1-Bk ₂ - 58-2	7/25	8/29	107
-----	-----------------------------------	------	------	-----

Hv'd border

(5095)

985

B8134A1-Bk₂-
84-4

7/27

8/29

107

(5133)

leafy

986

B8134A1-Bk₂-
-109-1

7/28

9/3

108

(5161)

tall, leafy & later

987

B8134A1-Bk₂-
132-5

7/26

8/29

83

(5196)

Active leaf, sawed
out some tall segs.

988

B8134A1-Bk₂-
178-2

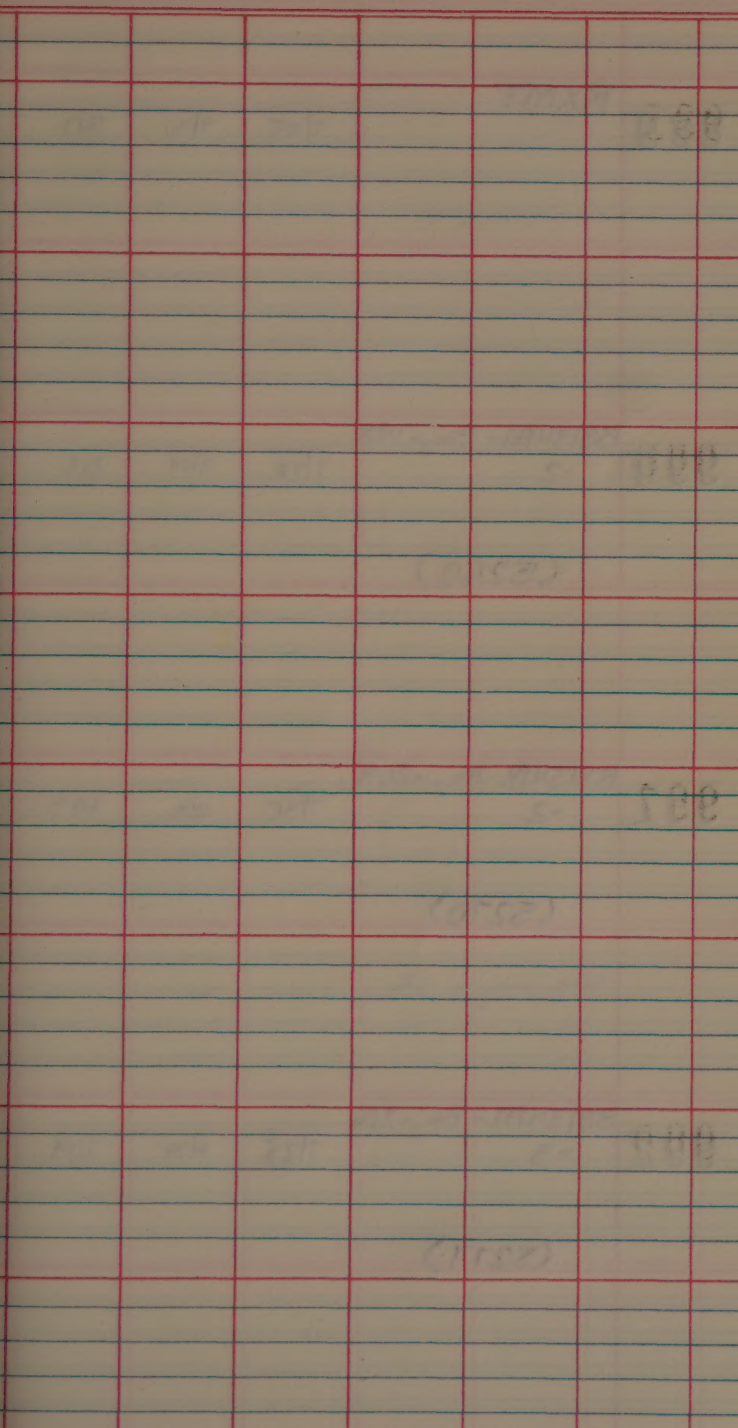
7/27

8/29

75

(5250)

Seg. heading
& 1st; upped from
mossy roots!



989

RXMT

7/25

9/3

80

990

B8134A1-Bk₂-198
-2

7/28

8/29

111

(5260)

991

B8134A1-Bk₂-208
-2

7/30

9/3

107

(5270)

Very deep & late

992

B8134A1-Bk₂-226
-3

7/25

8/29

109

(5277)

993

B8134A1-Bk₂-234
-4

7/24

8/25

115

(5298)

Too tall

994

B8134A1-Bk₂-243
-5

7/24

8/29

108

(5314)

995

B8134A1-Bk₂-261
-4

7/24

8/29

110

(5339)

996

B8134A1-Bk₂-267
-Bk

7/25

8/29

104

Hv'd border

(5344-45)

997

B8134A1-Bk₂-310
-4

7/25

8/29

108

(5365)

Leafy

998

B8134A1-Bk₂-322
-1

7/25

8/29

100

(5378)

Leafy

999

C667A-11-2-2-4-1

7/19

8/25

104

(5628)

Some senescence!

1000

C667A-11-2-2-4-2

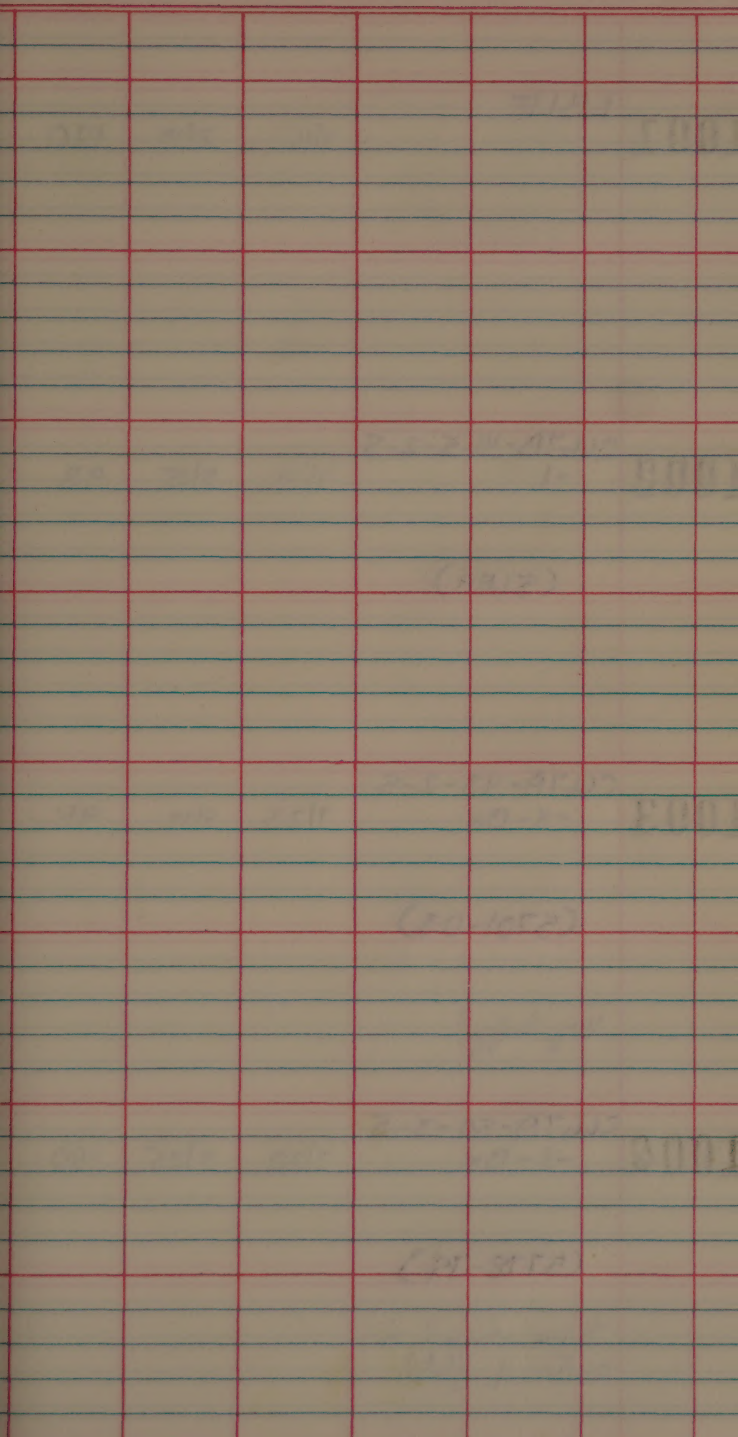
7/25

9/3

85

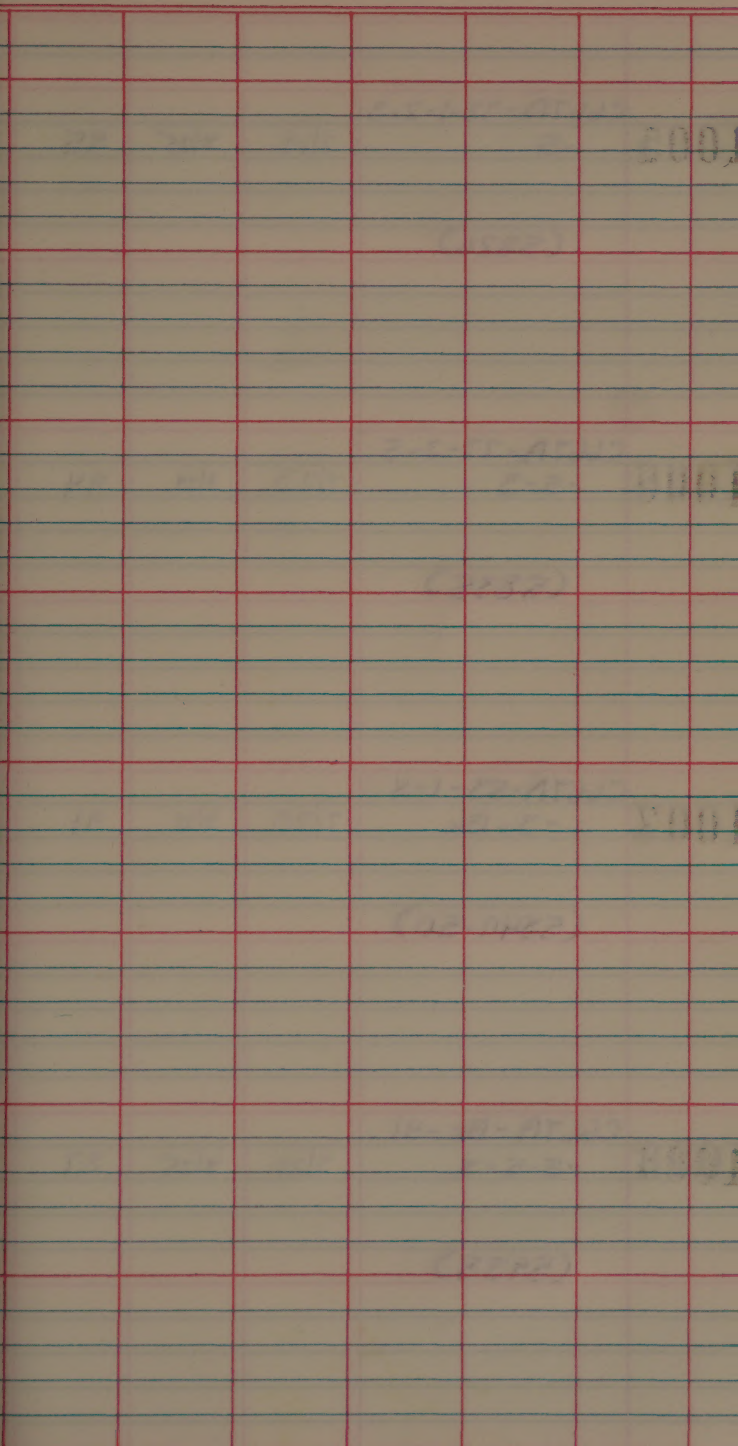
(5684-85)

Leafy flaps



Note: Essentially all C667A lines show severe
senescence at maturity and many collapse!

1001	LBLE	7/16	8/19	120
1002	C667A-41-5-2-5 -1 (5689)	7/19	8/25	98
1003	C667A-43-2-5 -4-Bk (5701-03) Very leafy!	7/23	8/29	98
1004	C667A-59-3-5 -1-Bk (5778-79) Some things? in center of plot!	7/20	8/25	100



1005	C667A-72-1-2-3 -5	7/19	8/25	95
	(5826)			
1006	C667A-77-2-5 -5-3	7/23	8/29	94
	(5835)			
1007	C667A-83-1-4 -3-Bk	7/20	8/21	91
	(5849-50)			
1008	C667A-Bk-41 -5-5-3	7/21	8/25	87
	(5938)			

1-SP-10-11100

(11100)

1-SP-10-11100

(11100)

1-SP-10-11100

(11100)

1-SP-10-11100

(11100)

1009

C667A-Bk-42-1

-1-1

7/22

8/29

100

(5941)

1010

C667A-Bk-43

-2-5-3

7/22

8/29

97

(5948)

1011

C667A-Bk-46-1

-5-3

7/19

8/25

88

(5959)

1012

C667A-Bk-61-1

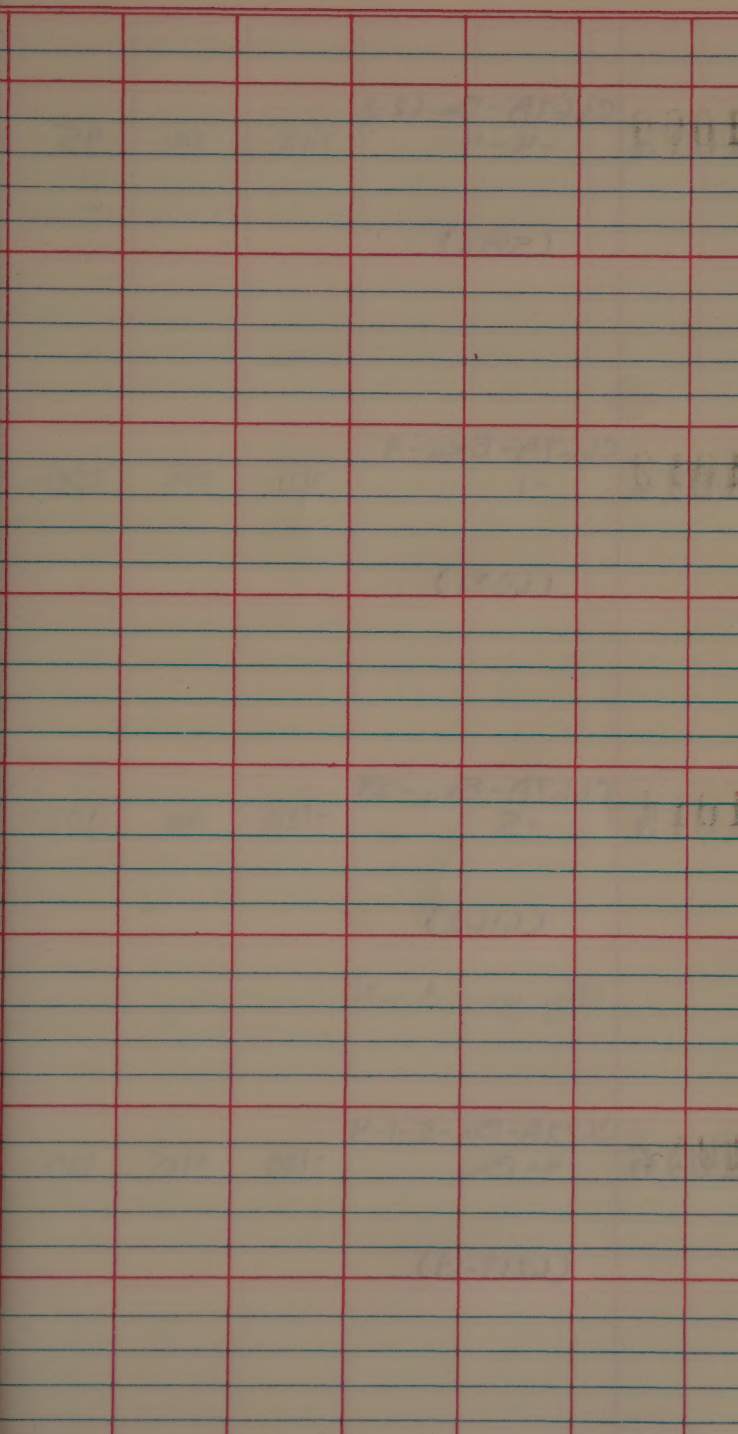
-1-4

7/21

8/29

95

(5991)



1013

C667A-Bk-62-2
-4-4

7/18

8/21

95

(5996)

1014

C667A-Bk-9
-1

7/21

8/29

100

(6081)

1015

C667A-Bk-54
-5

7/20

8/21

102

(6162)

Stays green at mt.

1016

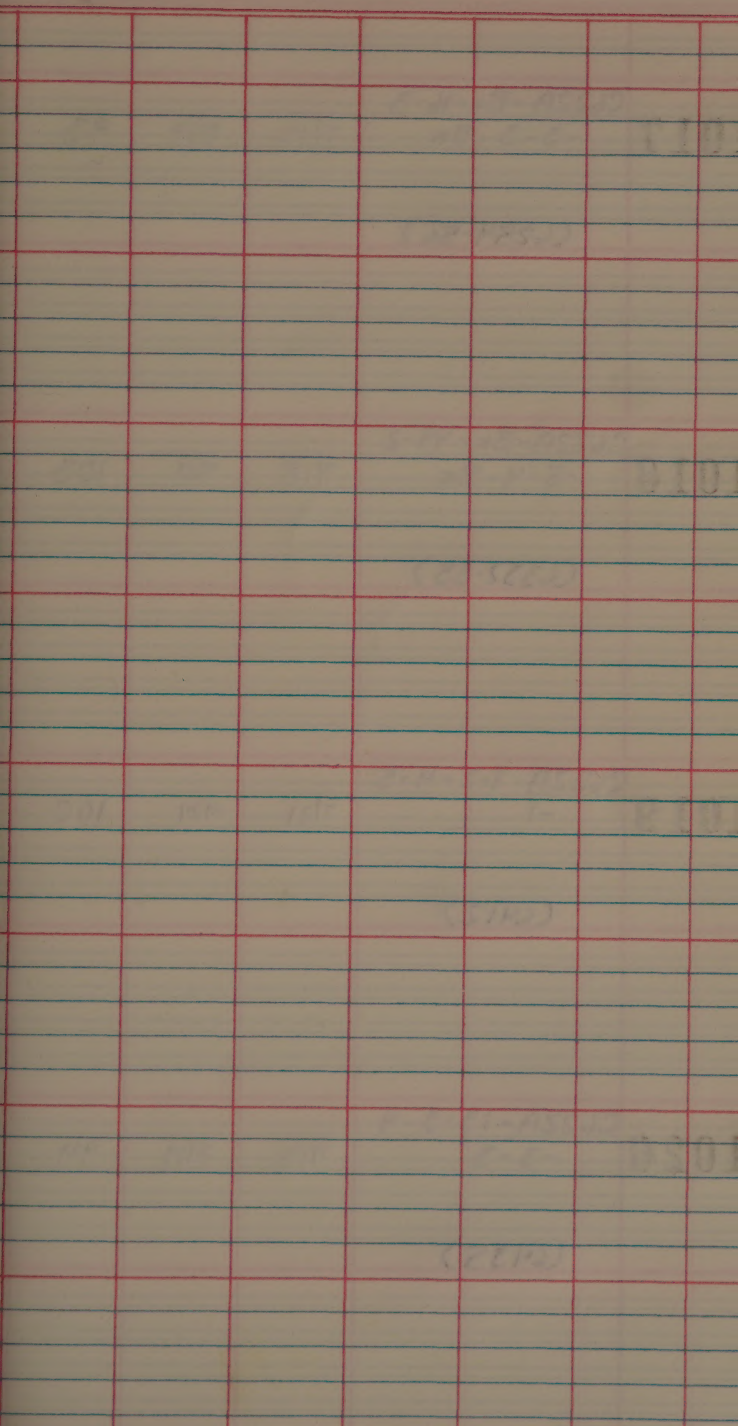
C622A-Bk-5-1-4
-4-Bk

7/20

8/25

100

(6217-19)



1017

C622A-Bk-16-3
-3-3-Bk

7/12

8/19

93

(6254-56)

1018

C622A-Bk-49-2
-5-4-Bk

7/18

8/21

103

(6332-33)

1019

C622A-T-2-4-5
-1

7/21

8/29

100

(6412)

1020

C622A-13-3-4
-3-3

7/13

8/19

94

(6435)

1021

C622A-13-5-4-1
-BK

7/15

8/19

93

(6441-42)

1022

C622A-39-5-5-1
-BK

7/17

8/21

98

(6482-83)

1023

C622A-

7/21

8/21

100

(6553)

1024

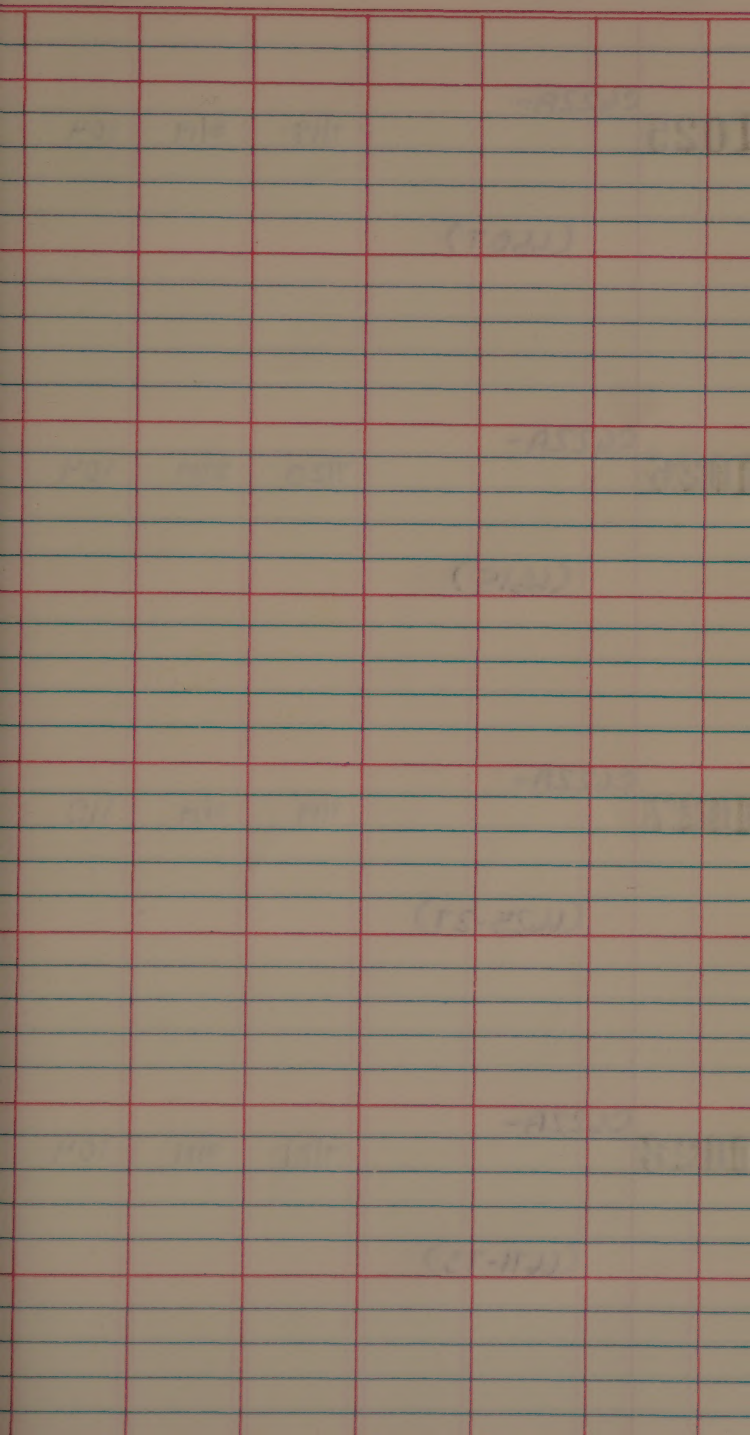
C622A-

7/16

8/19

99

(6559)



1025	C622A-	7/19	8/19	104
------	--------	------	------	-----

(6607)

1026	C622A-	7/20	8/19	104
------	--------	------	------	-----

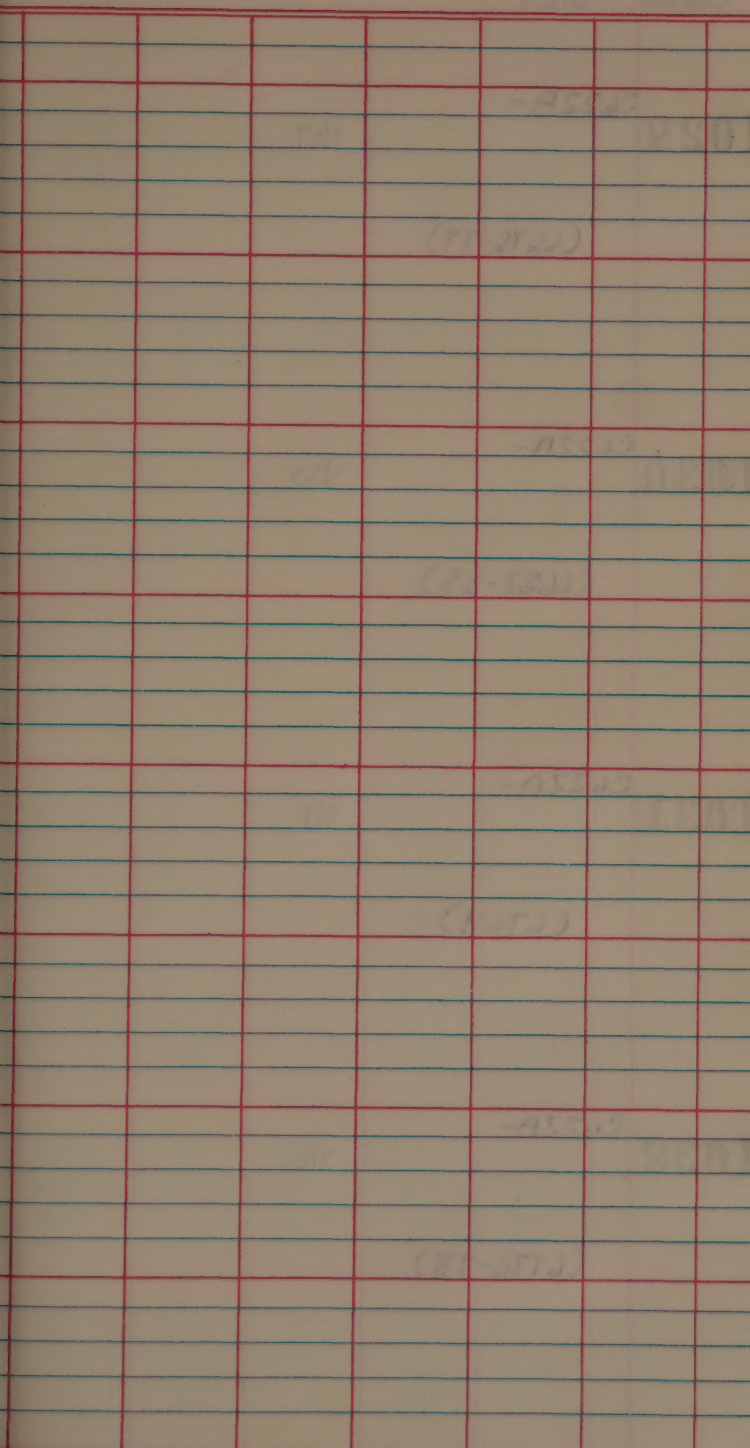
(6615)

1027	C622A-	7/19	8/29	110
------	--------	------	------	-----

(6625-27)

1028	C622A-	7/21	8/21	104
------	--------	------	------	-----

(6671-73)



SNP Group VII

Seeded 5/23

1029

C622A-

7/27

(6676-77)

1030

C622A-

7/30

(6682-83)

1031

C622A-

8/1

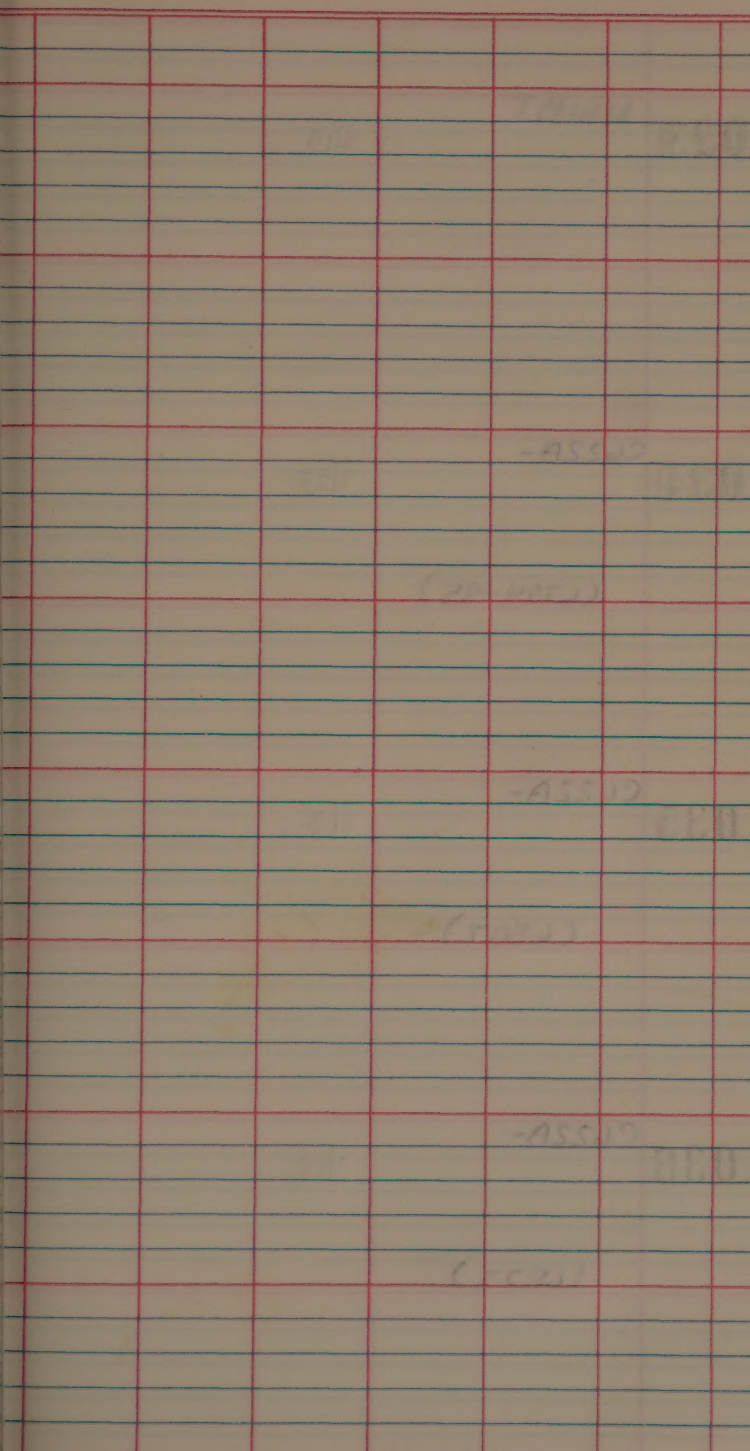
(6764)

1032

C622A-

8/1

(6776-78)



1033

NWBT

8/10

1034

C622A-

7/25

(6794-95)

1035

C622A-

8/3

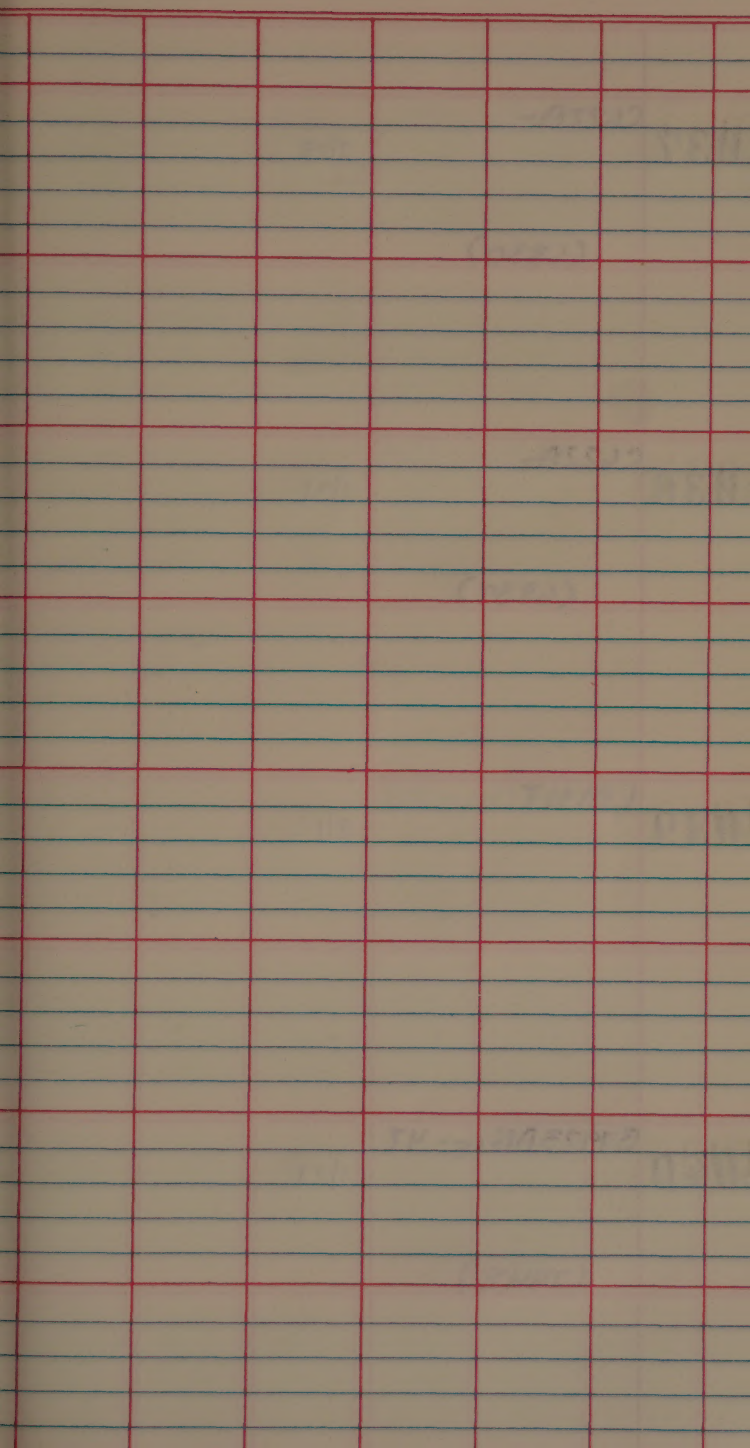
(6807)

1036

C622A-

7/25

(6823)



1037

C622A-

7/28

(6830)

1038

C622A-

7/31

(6839)

1039

LMNT

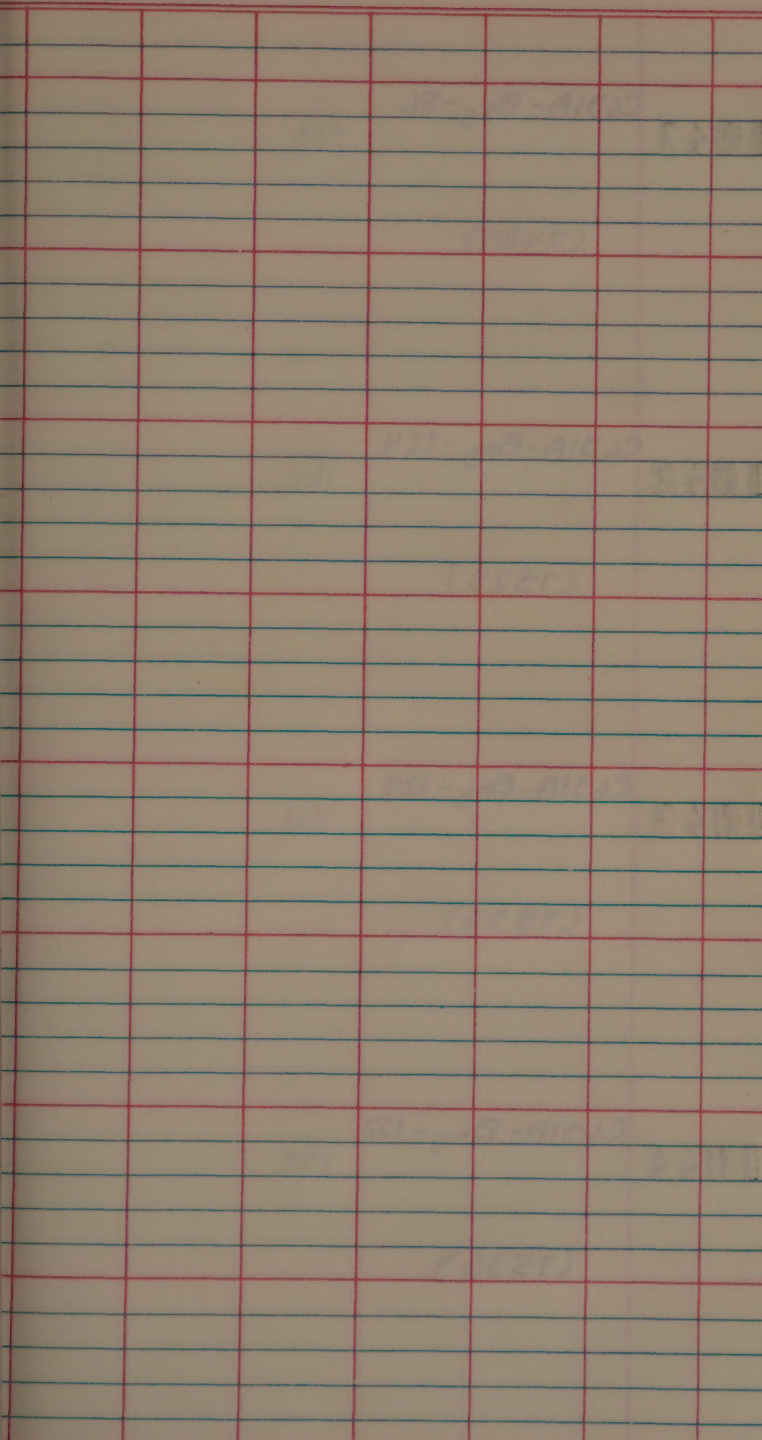
8/1

1040

C631A-BK5-47

7/21

(7448)



1041

C631A-BK5-86

7/22

(7489)

1042

C631A-BK5-124

7/25

(7528)

1043

C631A-BK5-129

7/21

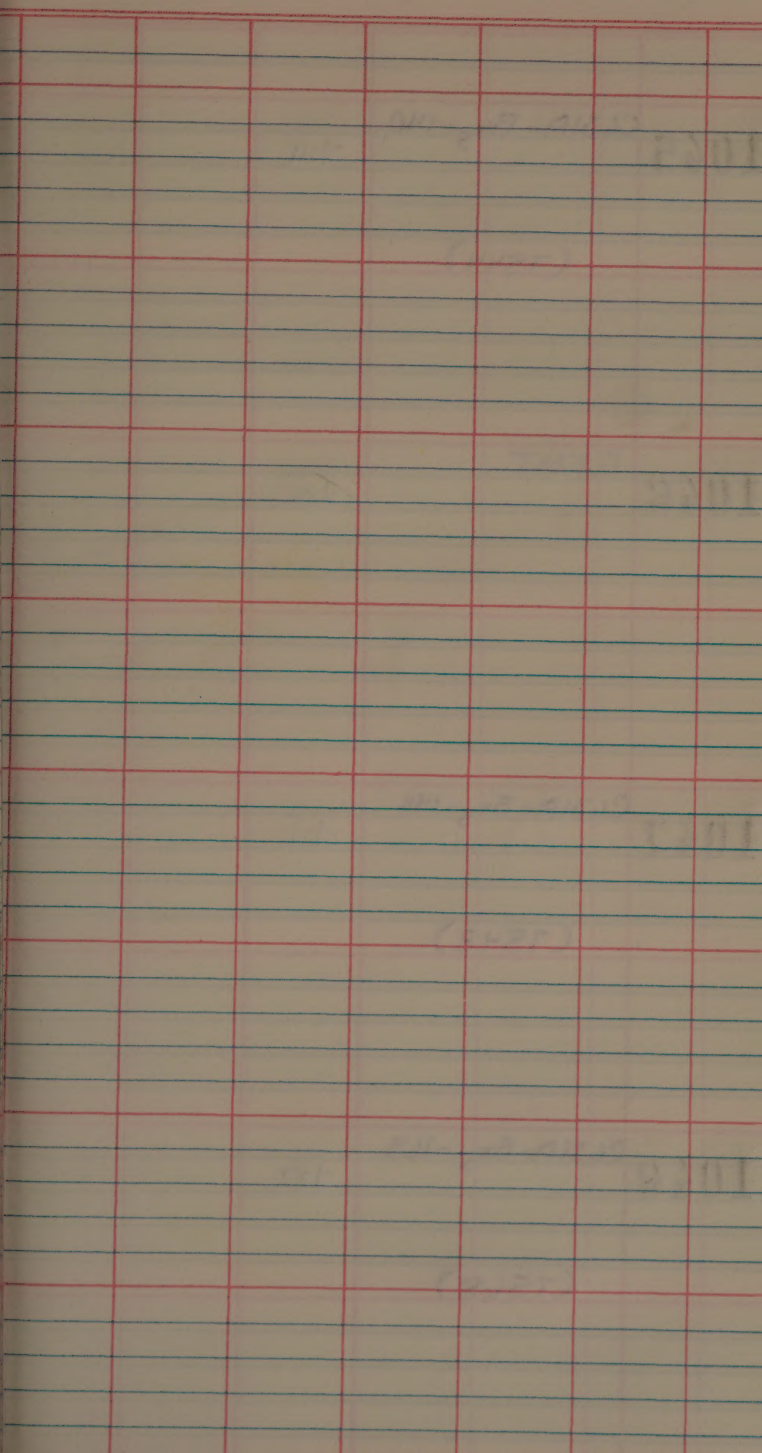
(7533)

1044

C631A-BK5-132

7/24

(7536)



1045

C631A-Bk₅-140

7/24

(7544)

1046

GFMT

7/28

1047

C631A-Bk₅-144

7/21

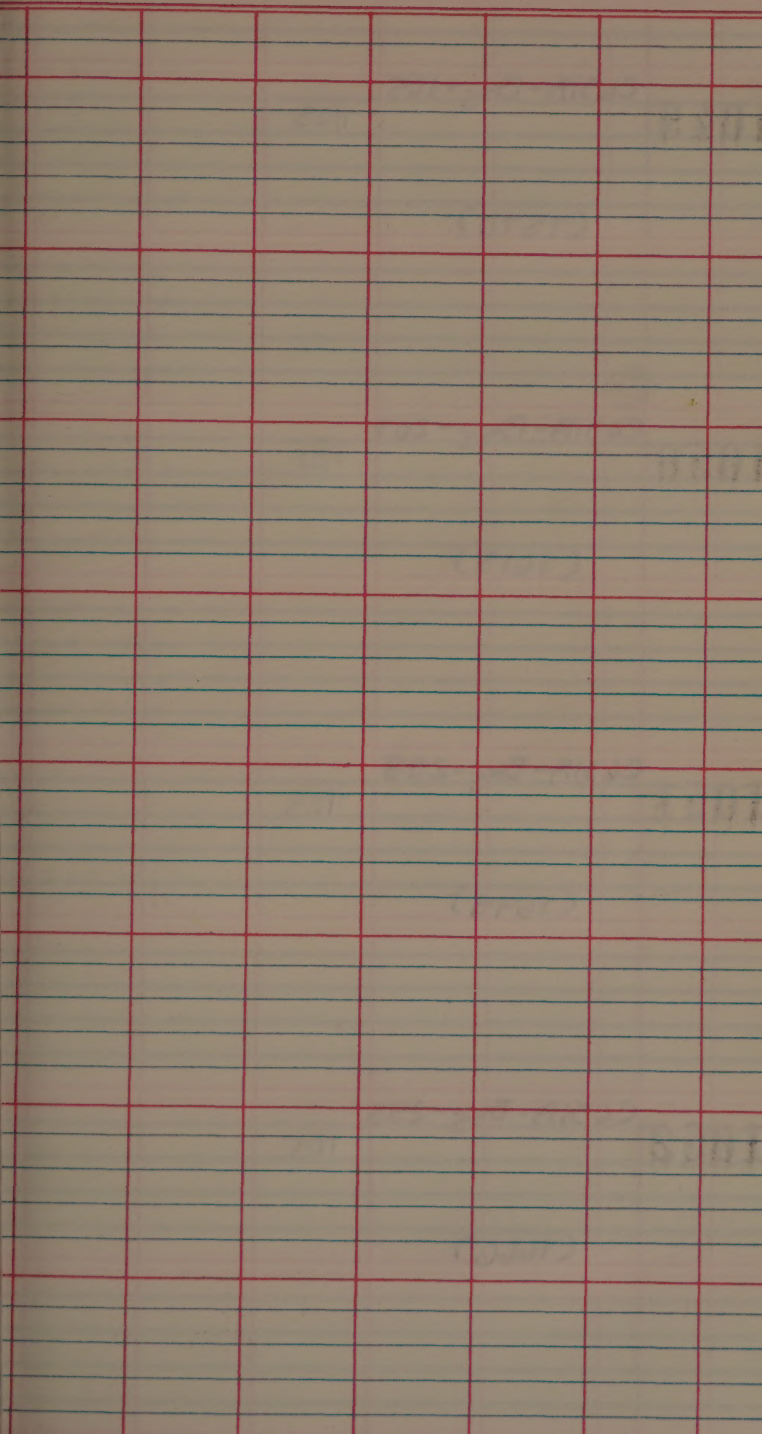
(7548)

1048

C631A-Bk₅-163

7/22

(7568)



1049

C631A-BK5-165

7/23

(7570)

1050

C631A-BK5-207

7/21

(7613)

1051

C631A-BK5-238

7/23

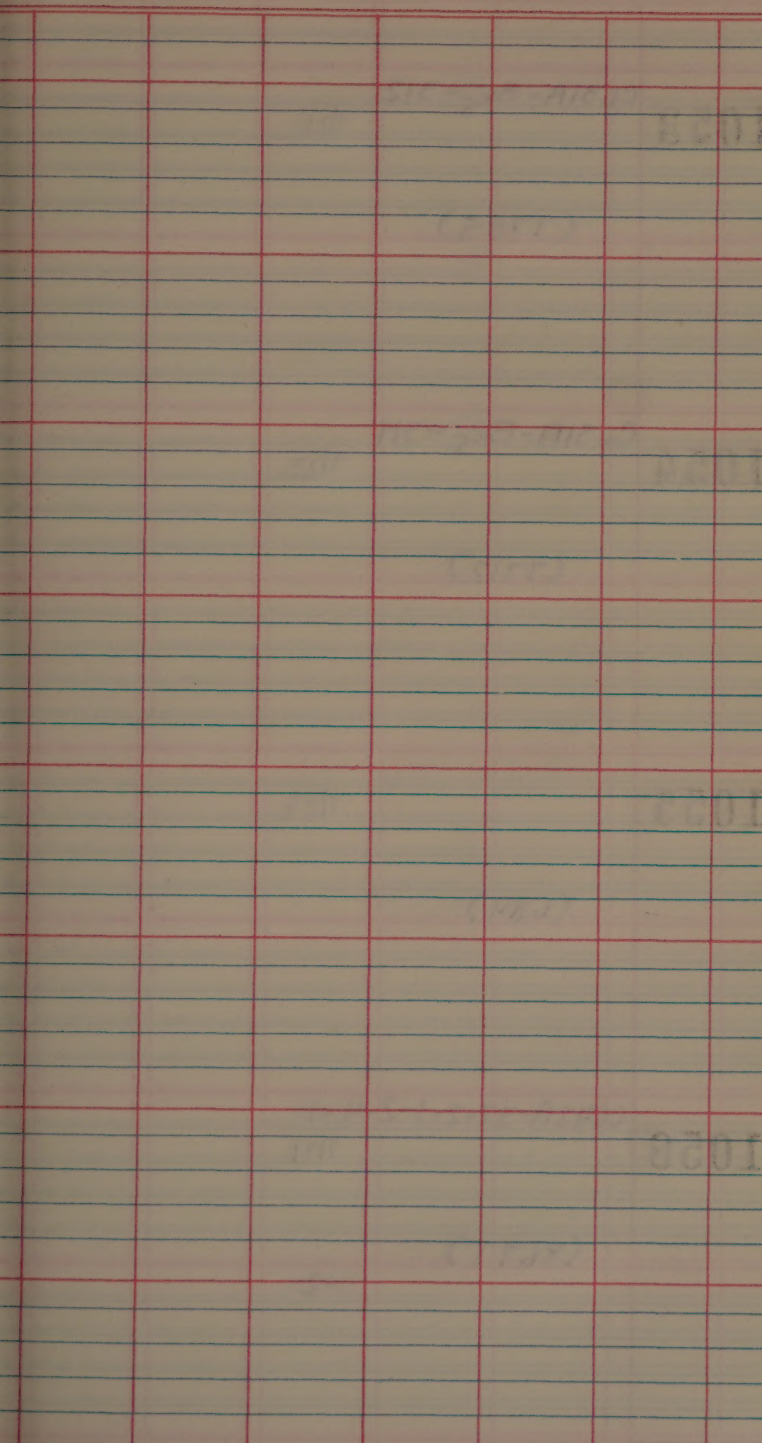
(7645)

1052

C631A-BK5-258

7/25

(7666)



1053

C631A-BK5-312

7/21

(7705)

1054

C631A-BK5-319

7/23

(7712)

1055

7/28

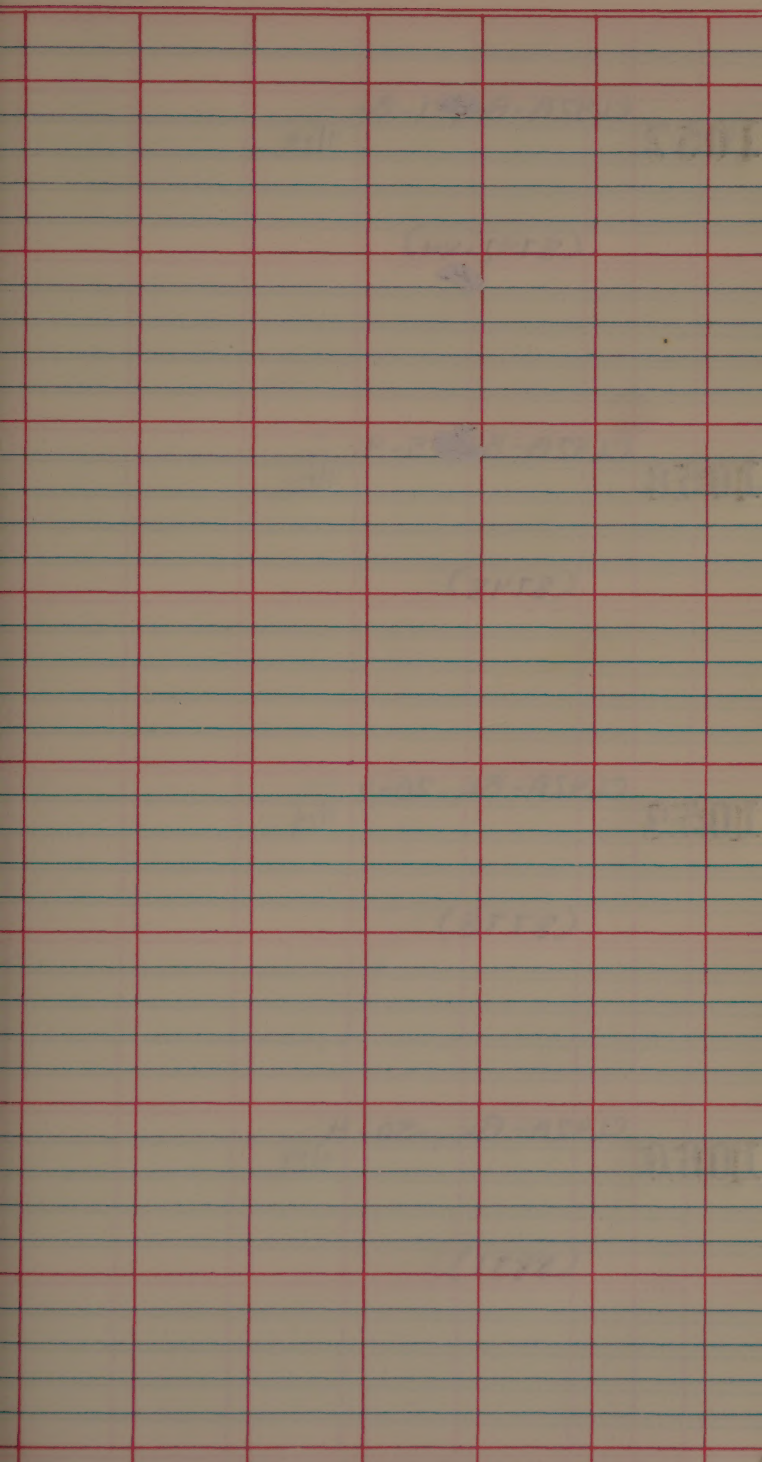
(684)

1056

C642A-37-2-1-2-4

7/31

(8677)



1057

C642A-Bky-1-Bk

7/28

(8742-44)

1058

C642A-Bky-5-4

7/26

(8748)

1059

C642A-Bky-20-2

7/29

(8778)

1060

C642A-Bky-50-4

7/27

(8831)

1061

C642A-BK4-59-3

7/30

(8845)

1062

C642A-BK4-61-2

7/31

(8849)

1063

C642A-BK4-86-BK

7/28

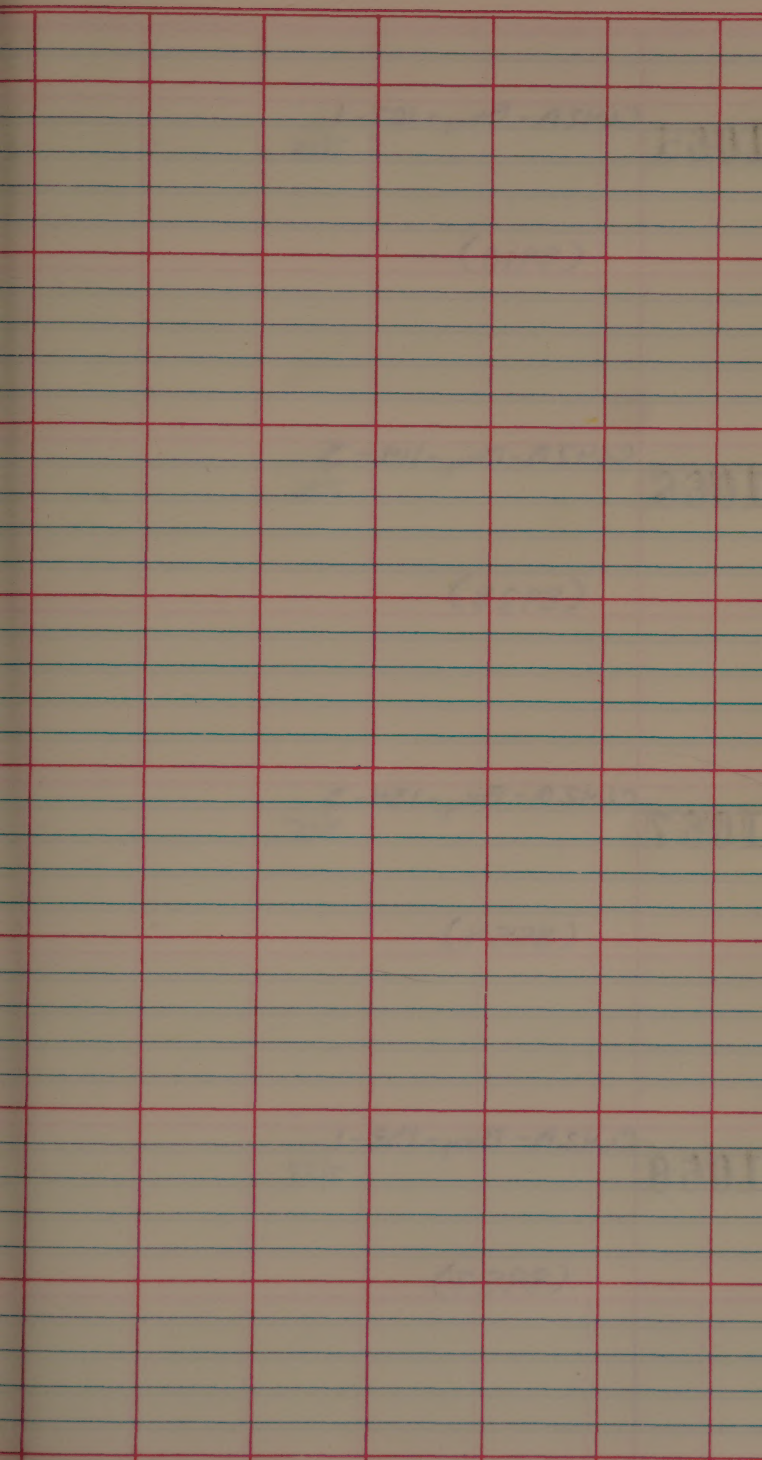
(8875-78)

1064

C642A-BK4-105-3

8/1

(8907)



1065

C642A-BK4-107-1

7/28

(8910)

1066

C642A-BK4-119-3

7/26

(8928)

1067

C642A-BK4-134-3

7/25

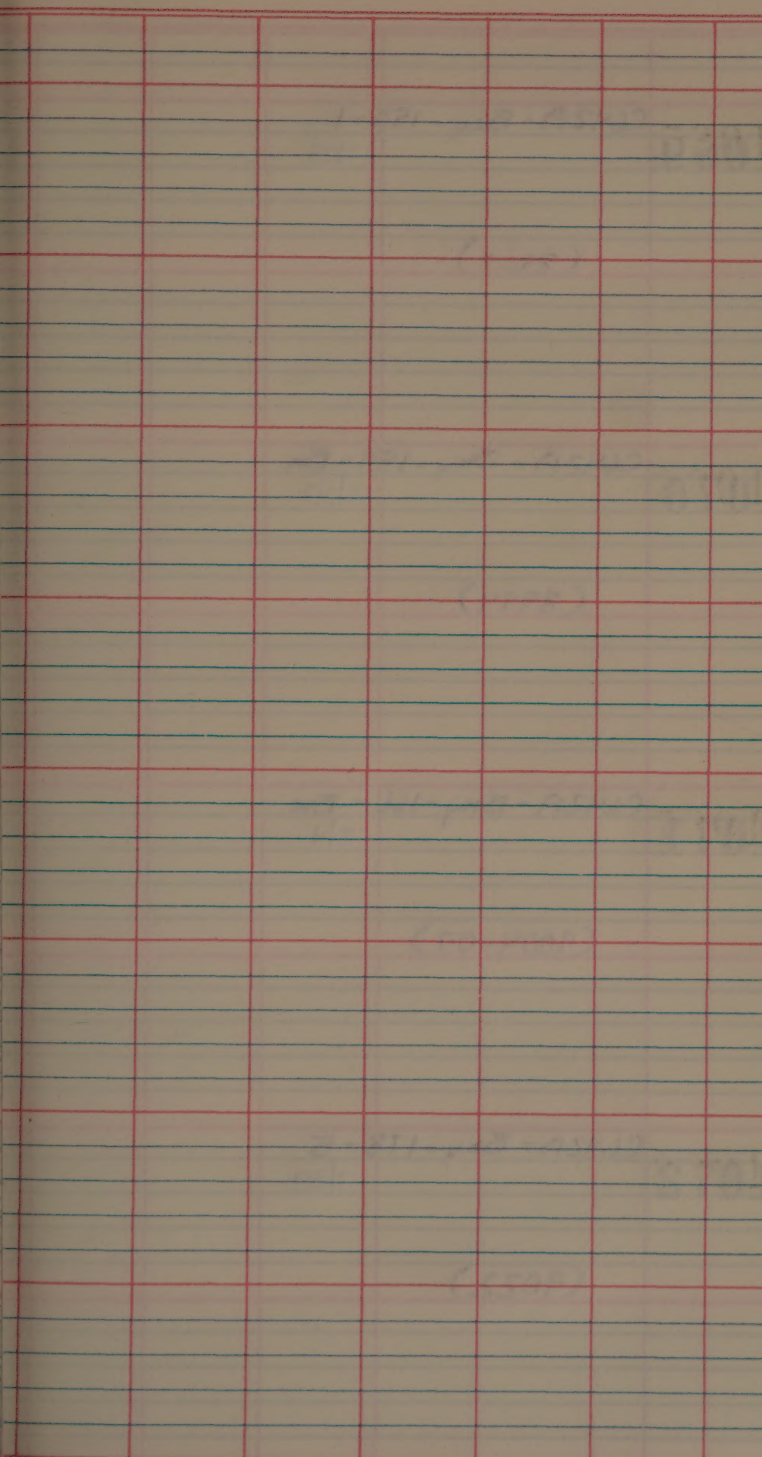
(8954)

1068

C642A-BK4-138-1

7/27

(8957)



1069

C642A-Bky-150-1

7/28

(8967)

1070

C642A-Bky-159-Bk

7/30

(8994)

1071

C642A-Bky-166-Bk

8/4

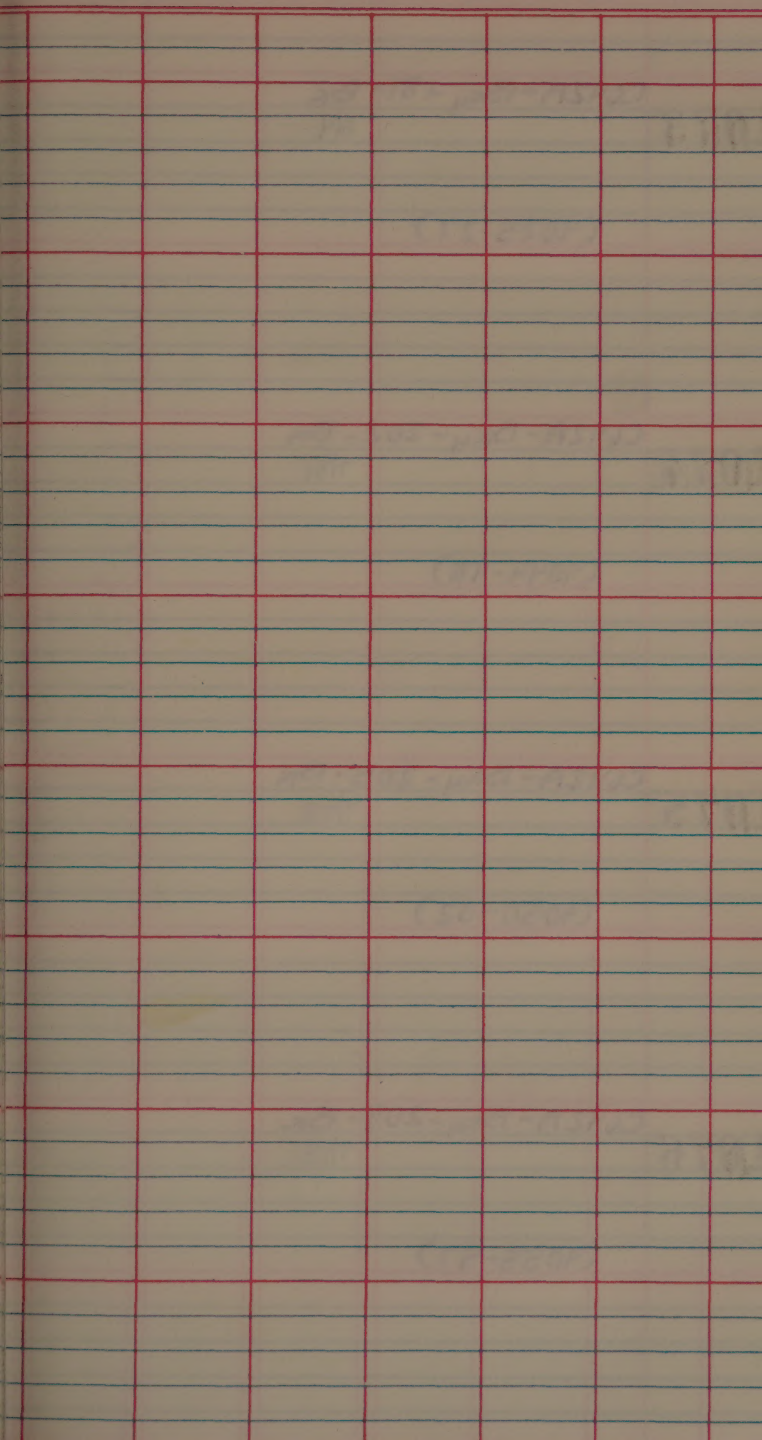
(9004-07)

1072

C642A-Bky-178-5

7/30

(9022)



1073

C642A-Bky-181-Bk
8/4

(9025-27)

1074

C642A-Bky-202-Bk
7/31

(9044-48)

1075

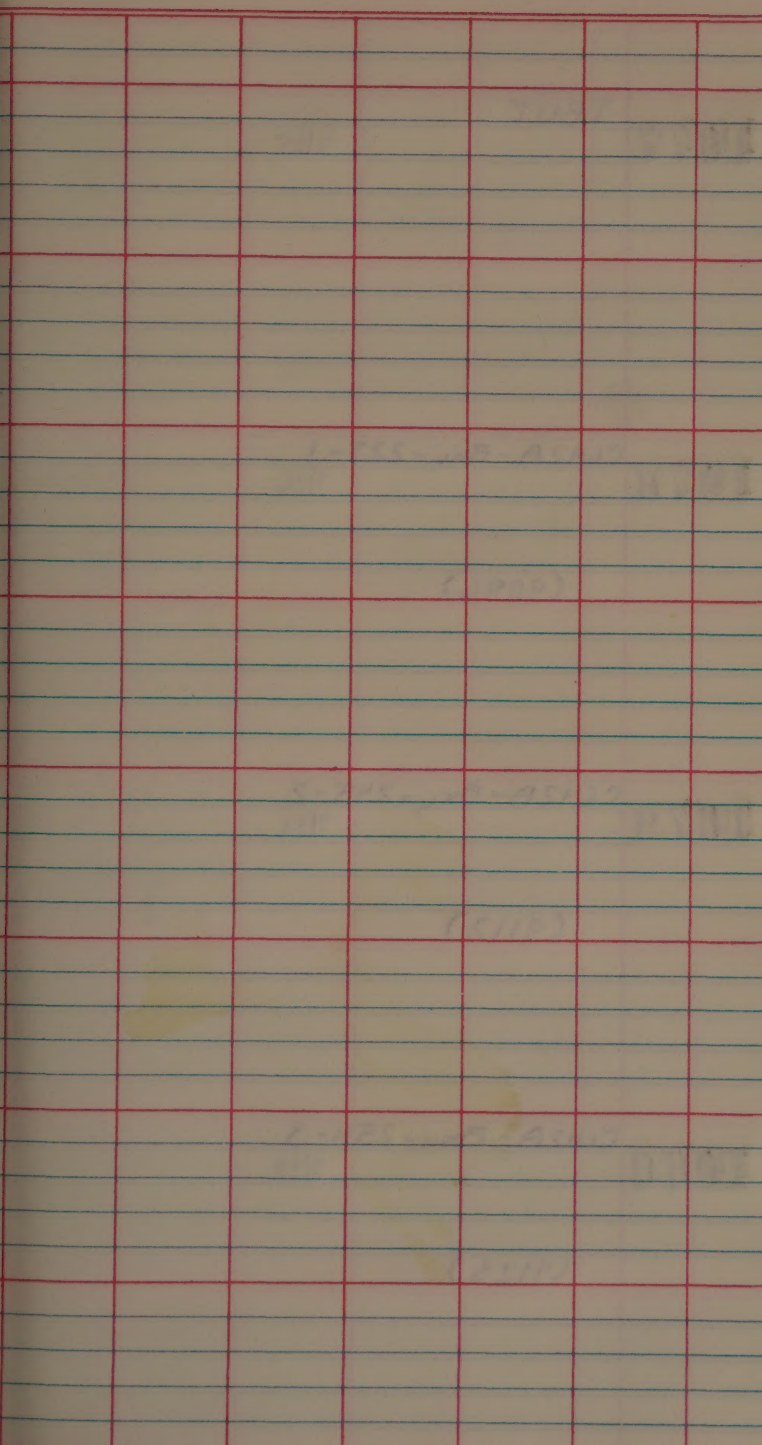
C642A-Bky-205-Bk
7/28

(9050-52)

1076

C642A-Bky-208-Bk
7/28

(9055-57)



1077

TBNT

7/25

1078

C642A-Bk4-223-1

7/26

(9086)

1079

C642A-Bk4-245-2

7/31

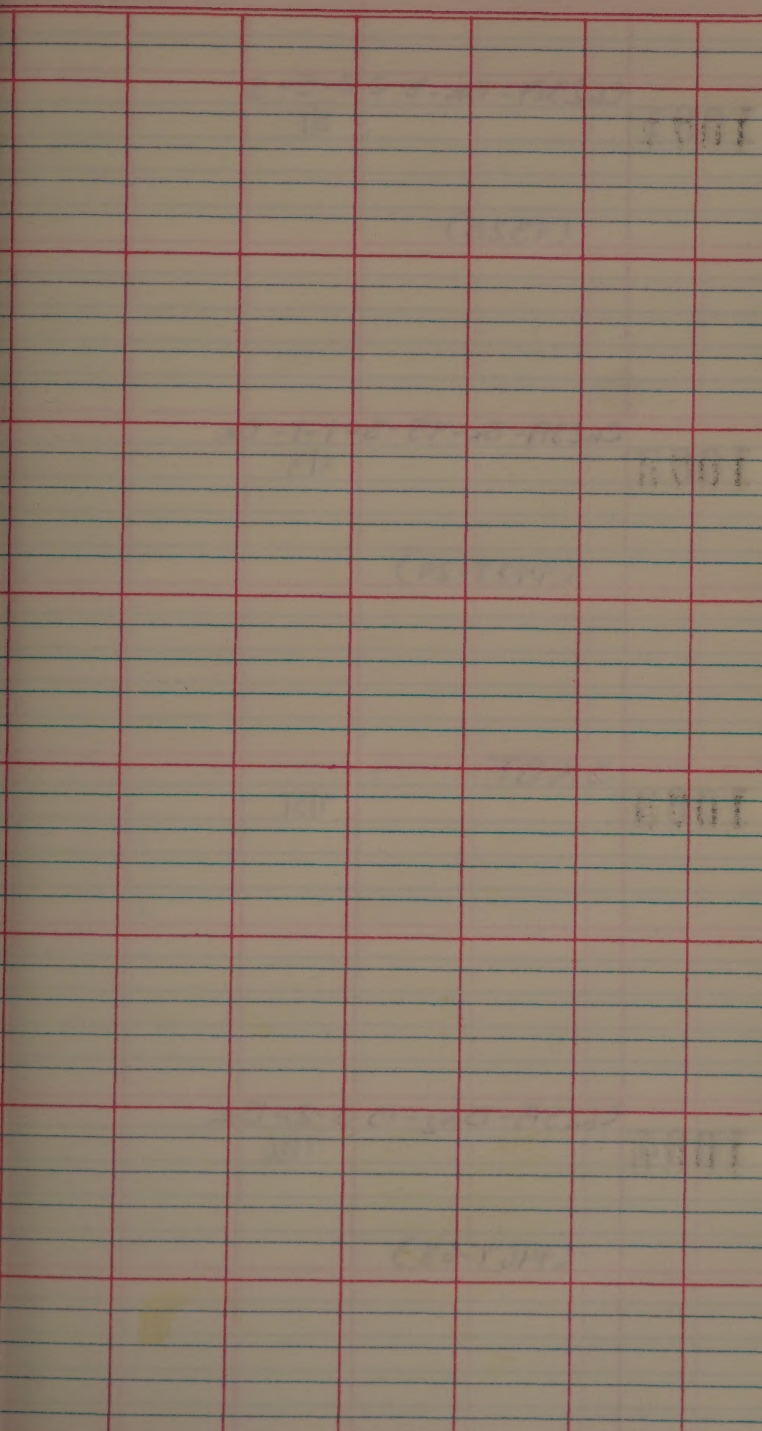
(9112)

1080

C642A-Bk4-254-3

7/28

(9123)



1081

C623A-BK-8-2-2-5-5

8/1

(9320)

1082

C623A-BK-45-3-1-1-BK

8/3

(9427-29)

1083

SKBT

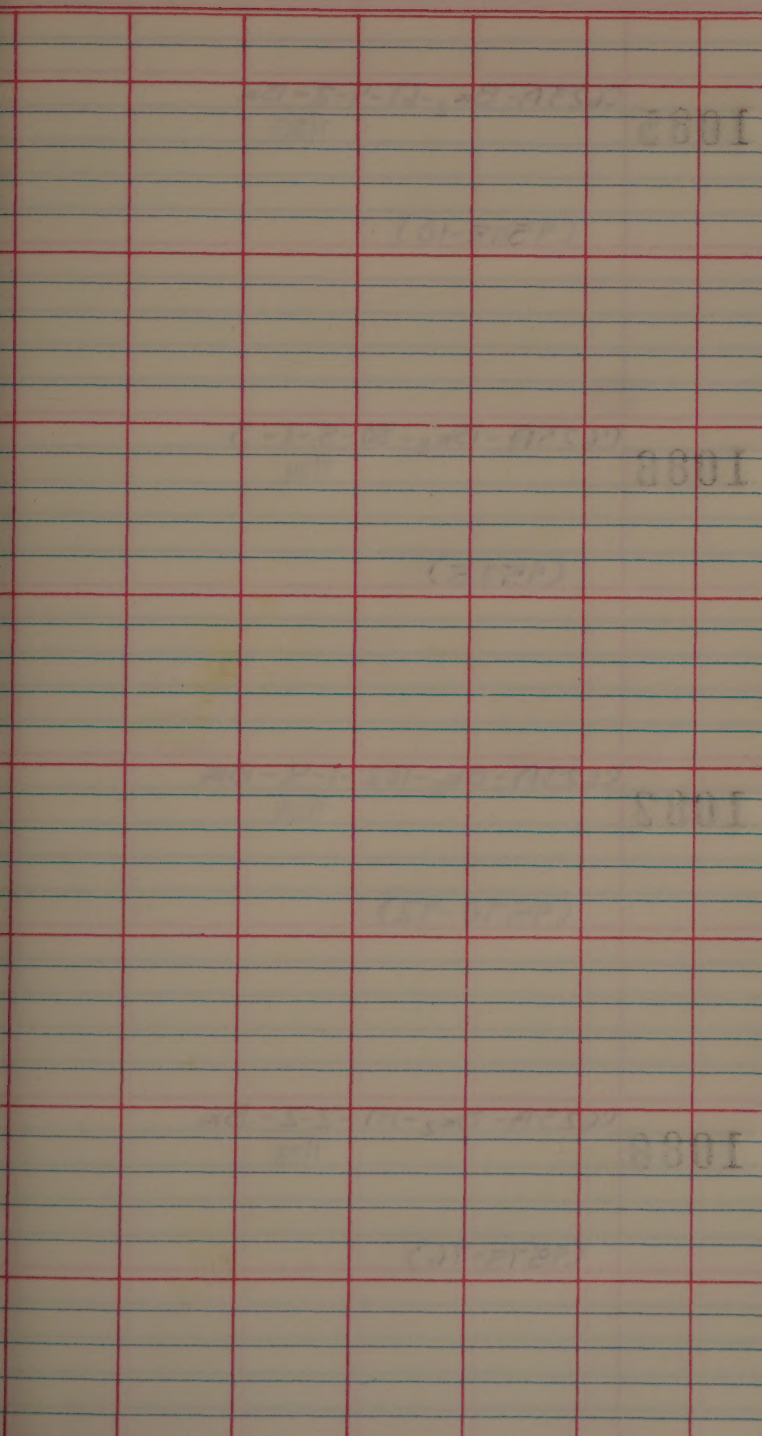
7/31

1084

C623A-BK2-13-3-2-BK

7/26

(9467-68)



1085

C623A-Bk₂-61-4-2-Bk

7/30

(9508-10)

1086

C623A-Bk₂-80-5-1-3

7/24

(9525)

1087

C623A-Bk₂-102-1-4-Bk

7/28

(9570-72)

1088

C623A-Bk₂-111-2-2-Bk

7/28

(9575-76)

20

T.M. 81

2831

20-2-5-181-57-02512

2831

(2-573)

20-2-1-2-11-02512

2831

(1-573)

20-2-5-181-57-02512

2831

(2-573)

1089

RXMT

8/5

1090

C623A-BK₂-186-2-2-3₁₅

7/26

(9621-23)

1091

C623A-11-5-1-4-1

7/28

(9641)

1092

C623A-53-4-2-3-BK

7/25

(9729-30)

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398</			

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[illegible]

CS-APP

AS - 11 - 11 - 11

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C623A-74-5-4-4-BK

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(9761-63)

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(9806-09)

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C623A-BK₆-99-BK

7/27

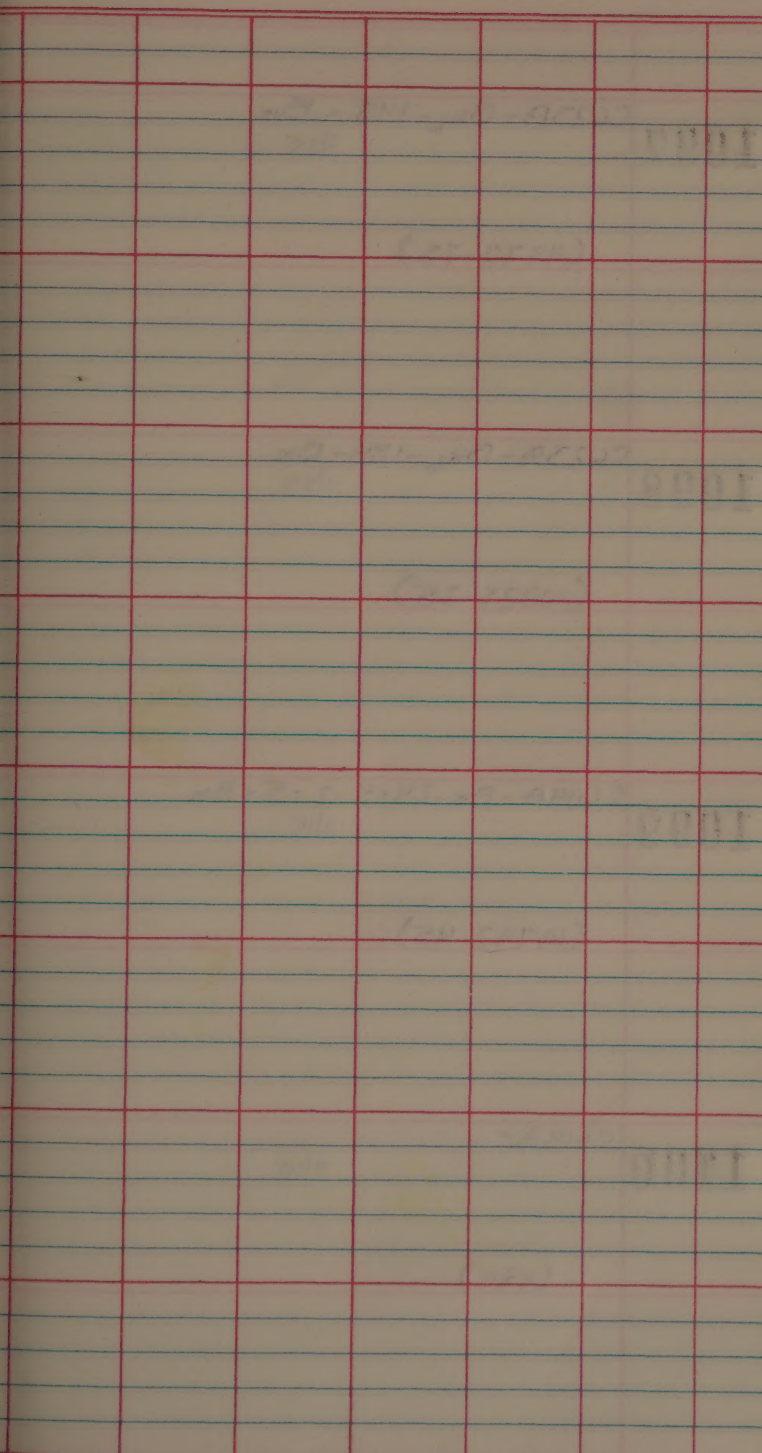
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C623A-BK₆-142-BK

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(9966-68)



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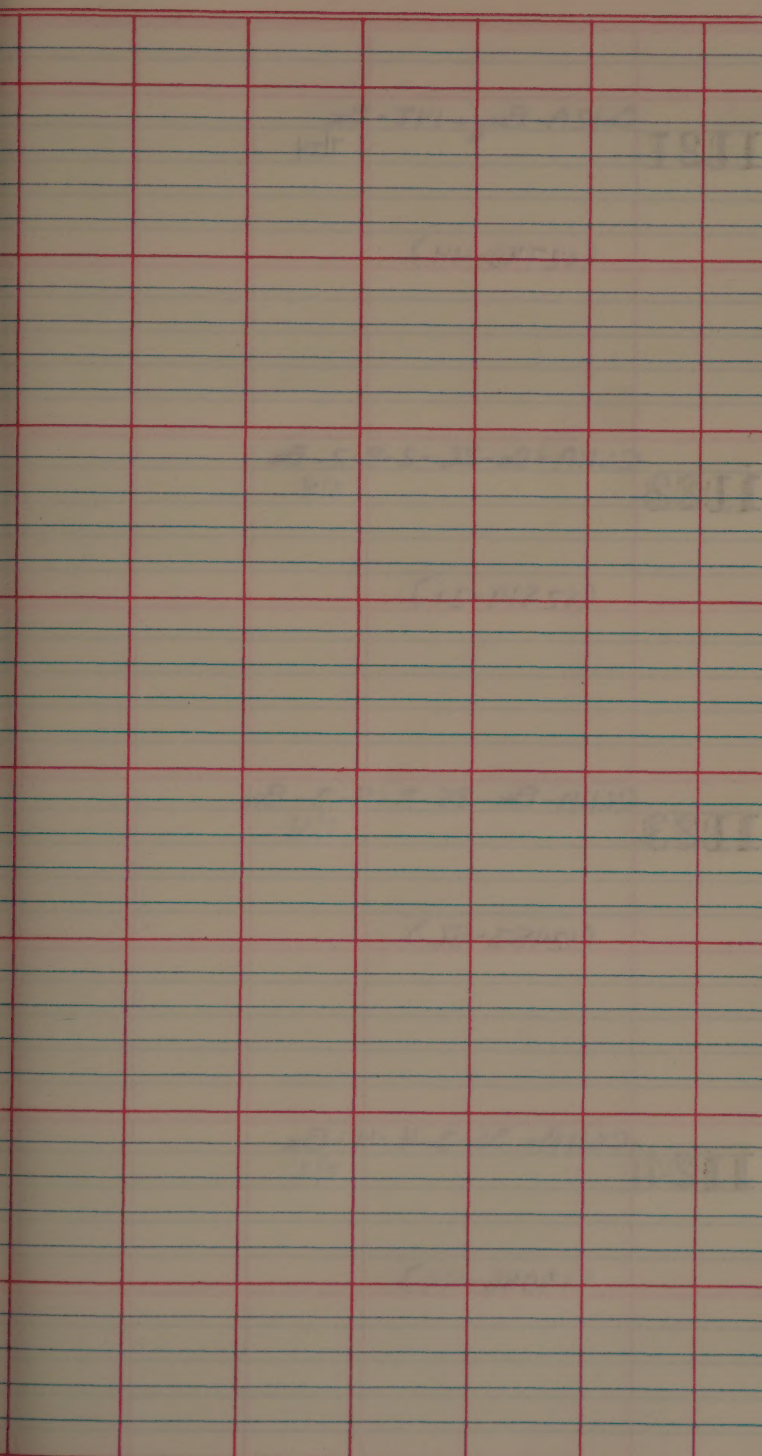
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8/10

(989)



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C612A-Bk₆-148-Bk
7/24

(12740-44)

1122

C611A-Bk-26-2-5-2-Bk
8/4

(12819-21)

1123

C611A-Bk-85-3-4-3-Bk
8/4

(12953-56)

1124

C611A-36-3-4-4-Bk
8/3

(13096-99)

[illegible]

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216-351511

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25-10-15

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51-1121

2	2	2	2
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AP-27C

1125

CG11A-43-3-3-4-Bk

7/29

(13128-31)

1126

CG10A-Bk-18-10-4-3-Bk

8/1

(13741-45)

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CG10A-5-6-2-1-Bk

7/30

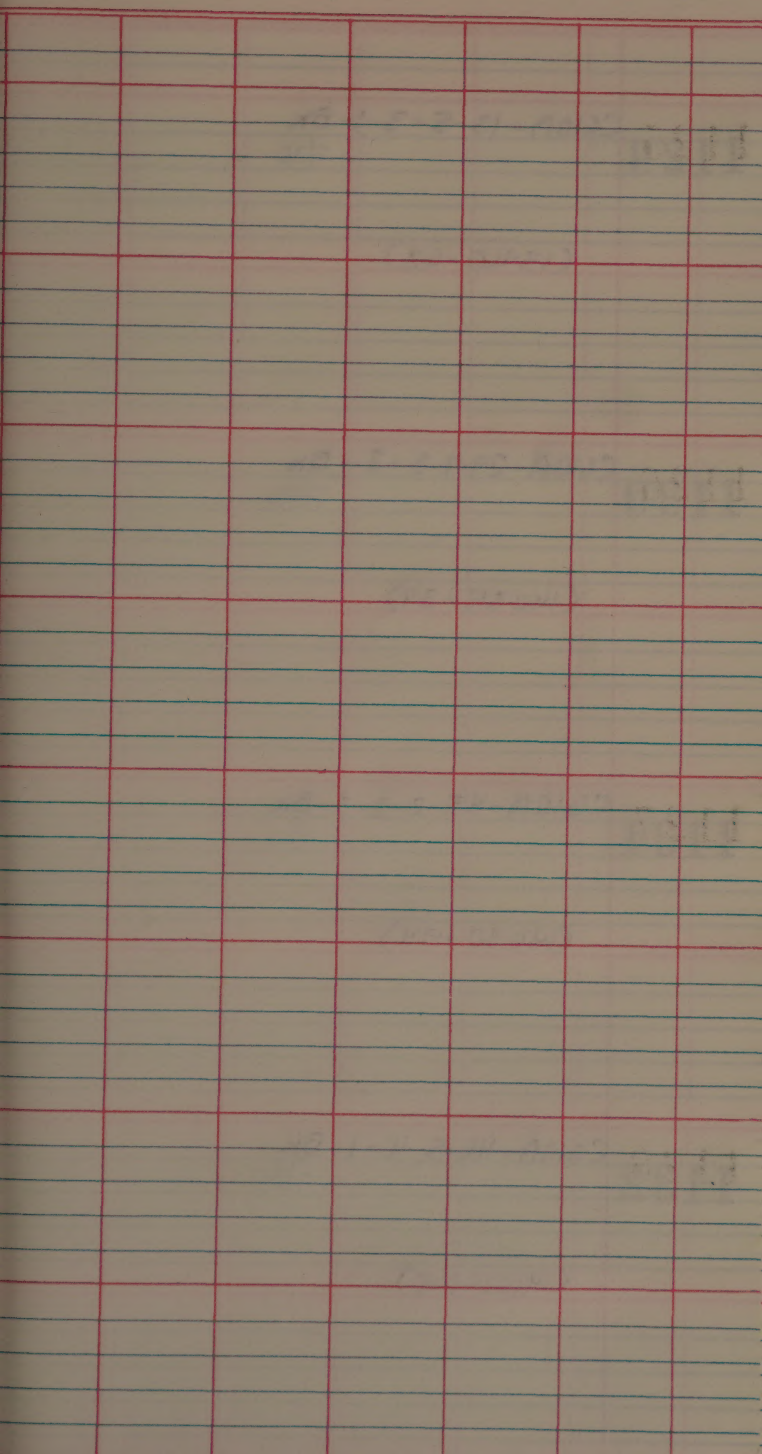
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CG10A-8-10-3-3-Bk

7/28

(13940-42)



1129

CG10A-13-5-3-1-Bk

7/30

(13960-62)

1130

CG10A-29-9-3-2-Bk

7/30

(14035-39)

1131

CG10A-45-2-3-3-Bk

7/31

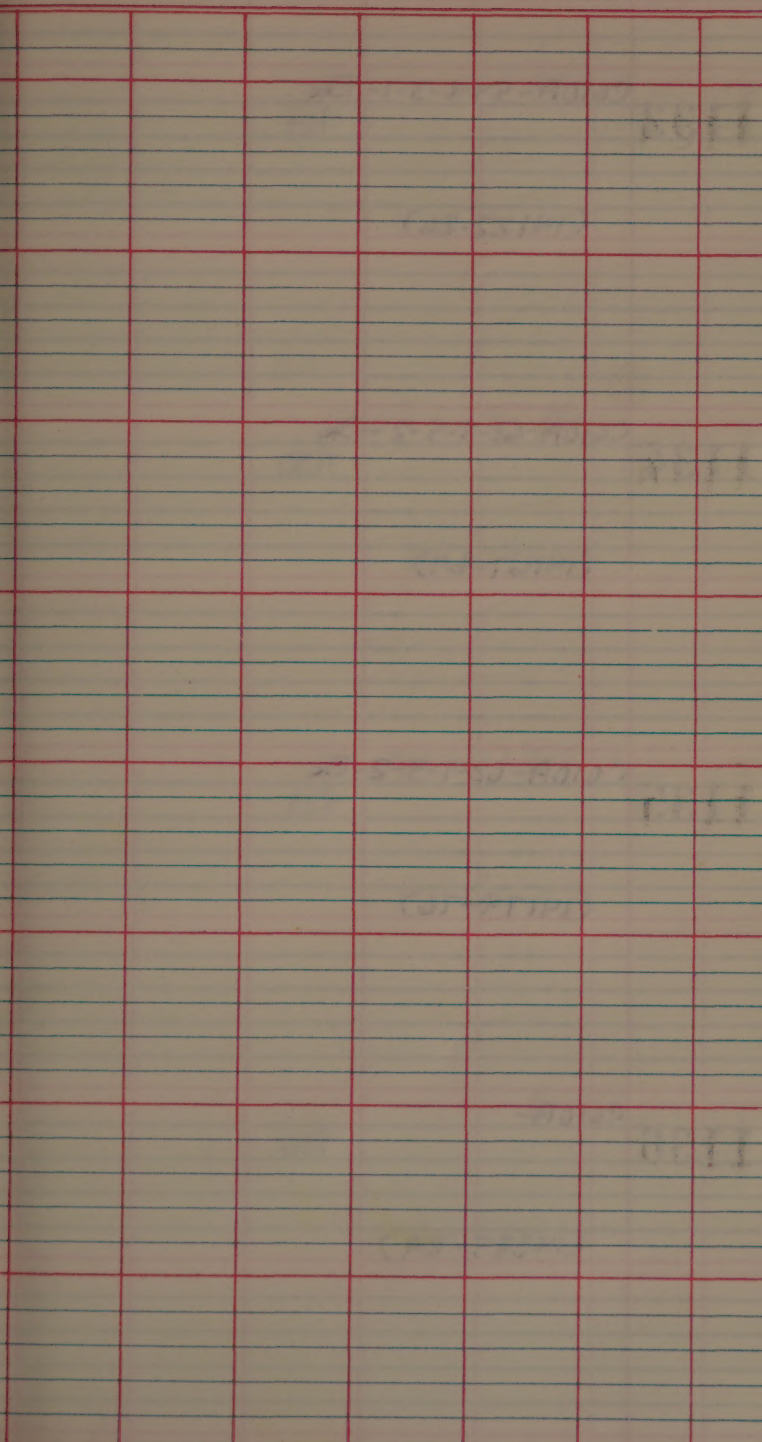
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CG10A-46-5-4-1-Bk

7/30

(14101-05)



1133

CG10A-54-1-3-1-Bk

7/29

(14122-26)

1134

CG10A-62-5-5-2-Bk

7/30

(14167-69)

1135

CG10A-62-9-5-2-Bk

7/29

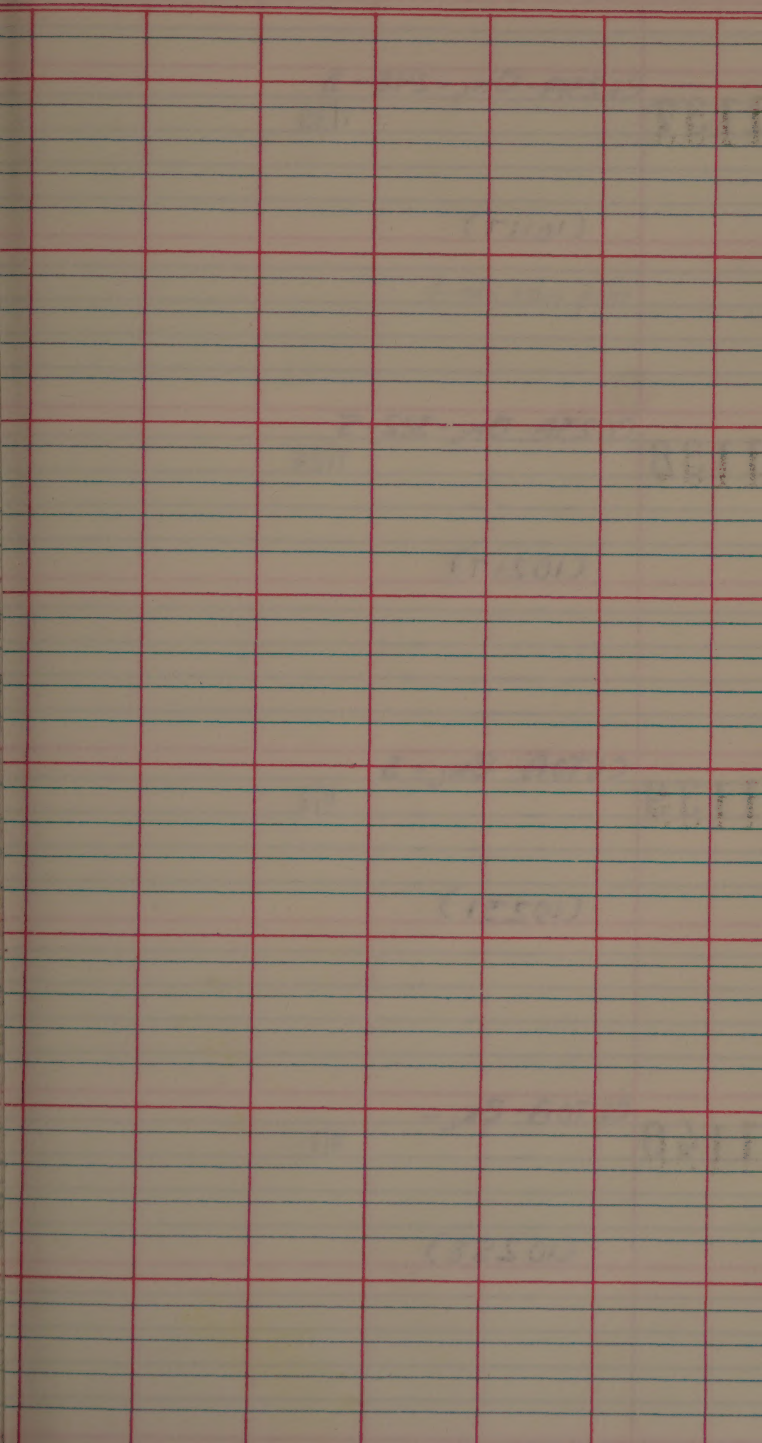
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1136

CG10A-

7/30

(14385-89)



SNP Block VIII

Seeded 5/23

1137

C623A-BK6-248-3

7/30

(10117)

very poor stand

1138

C623A-BK6-322-5

7/28

(10217)

1139

C670A-BK6-3

8/1

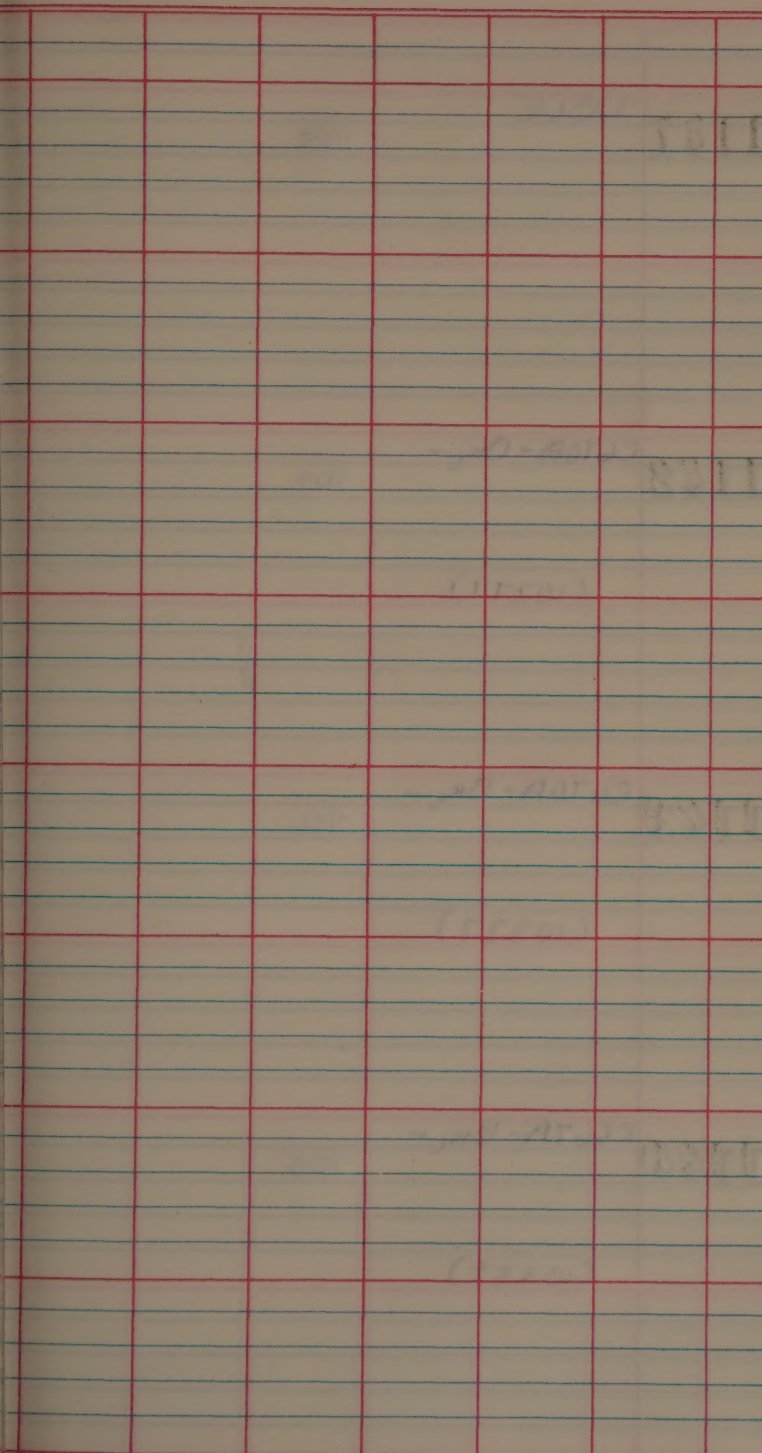
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C670A-BK6-

8/1

(10258)



1141

LBLE

7/25

1142

C670A-BK6-

7/29

(10277)

1143

C670A-BK6-

7/31

(10327)

1144

C667A-BK6-

7/30

(10337)

1145

B670A-BK6-

7/30

(10353)

1146

C670A-BK6-

7/30

(10362)

1147

C670A-BK6-

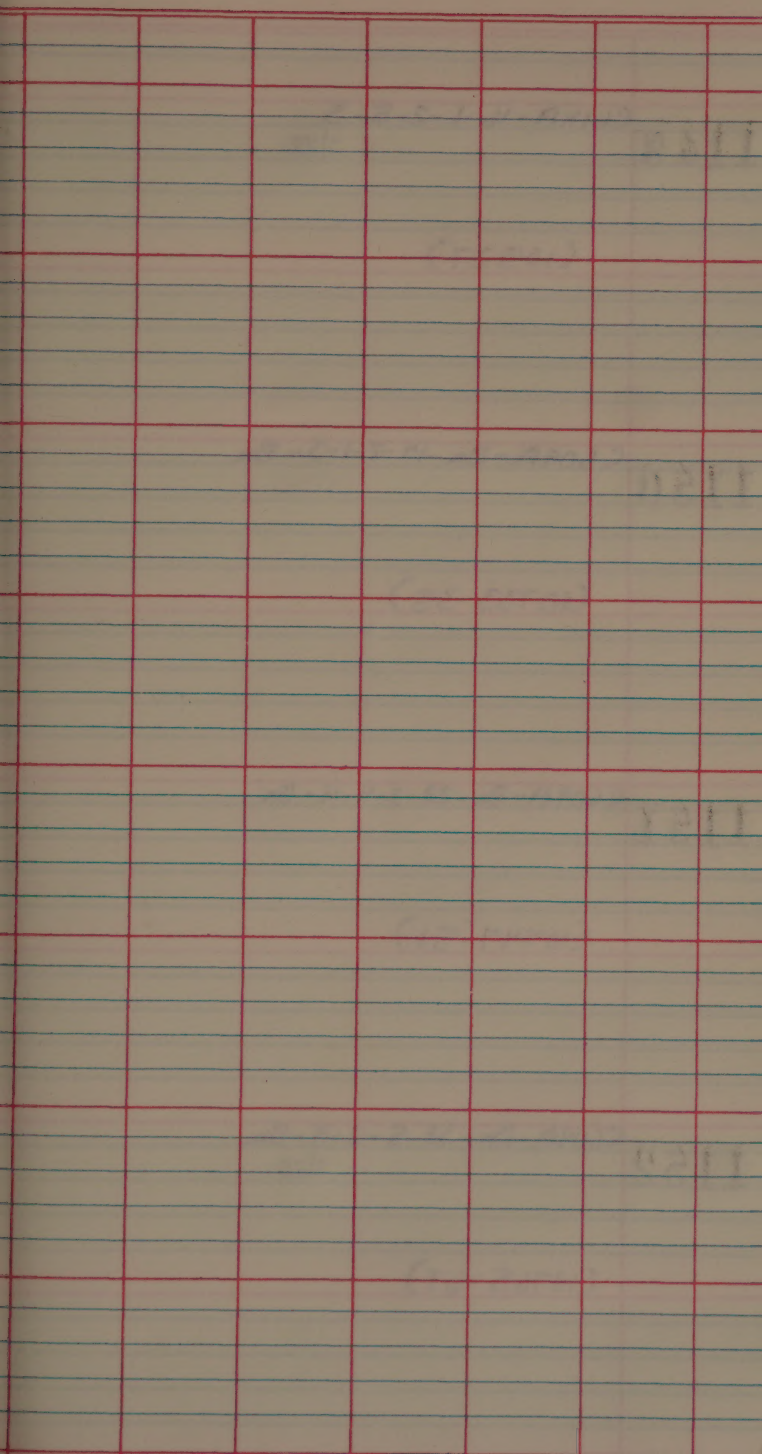
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RXMT

8/6



1149

C614A-16-1-2-5-3

7/30

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C609A-BK-28-3-4-4-BK

(10747-51)

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C609A-BK-38-5-2-5-BK

7/28

(10765-67)

1153

C609A-BK-64-4-2-1-5

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(10803)

1154

CB 801

1155

C609A-BK-87-2-3-3-BK

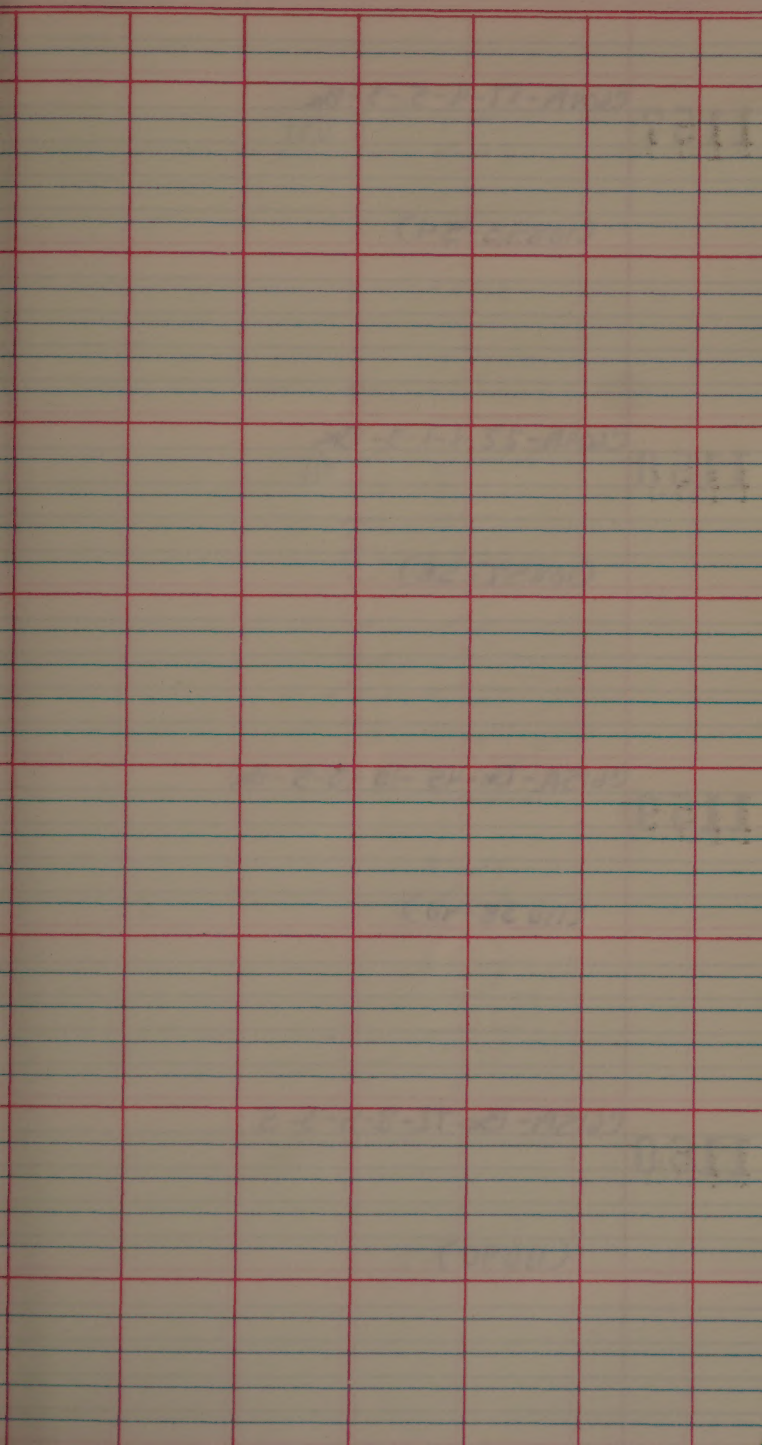
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C609A-5-2-2-1-5

7/29

(10844)



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C609A-17-4-5-3-BK

7/31

(10853-54)

1158

C609A-22-1-1-3-BK

8/1

(10857-58)

1159

C615A-BK-45-10-3-5-BK

(11038-40)

1160

C615A-BK-72-8-5-3-5

8/11

(11090)

1161

C615A-BK-76-3-1-4-4

8/9

(11094)

1162

C615A-12-7-1-1-5

7/29

(11120)

1163

C615A-22-2-1-3-BK

8/8

(11140-41)

1164

C615A-33-10-1-5-BK

8/5

(11168-71)

1311

1311

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1311

1165

C615A-42-1-3-5-BK

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(11205-07)

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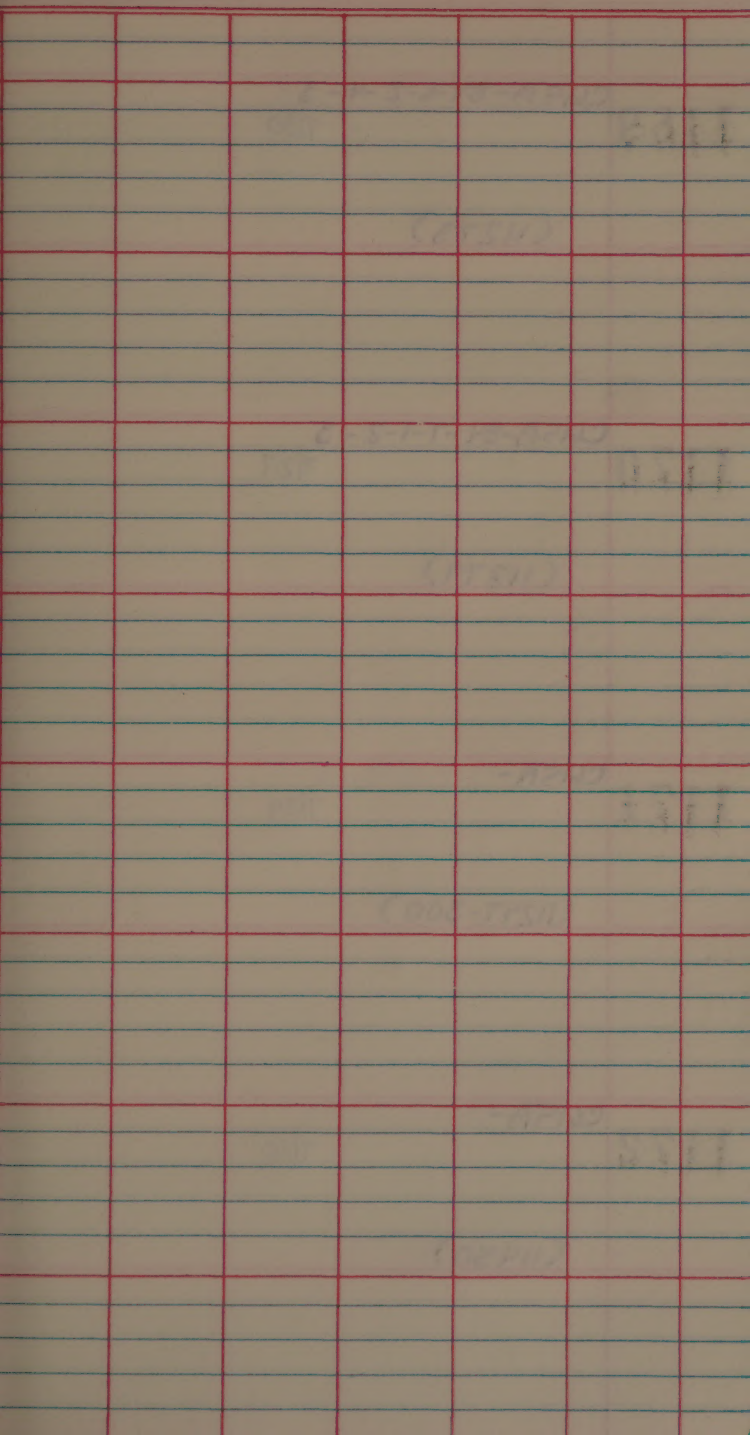
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(11267)



1169

C615A-84-6-2-4-3

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(11273)

1170

C615A-84-7-1-2-3

7/27

(11279)

1171

C615A-

7/29

(11297-300)

1172

C615A-

7/30

(11450)

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C612A-BK₂-103-4-3-3

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C612A-6-3-2-4-4

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C612A-5-2-2-2-4

7/25

(12215)

1176

C612A-58-1-1-1-3

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S-P-S-P-T-A-S-12

TIT

V. 111

(HJSS)

P-S-I-T-A-S-12

TIT

V. 111

(HJSS)

P-S-I-T-A-S-12

TIT

V. 111

(HJSS)

P-S-I-T-A-S-12

TIT

V. 111

(HJSS)

1177

C612A-63-4-2-5-2

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(12244)

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(12264)

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C612A-76-2-4-5-4

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7/30

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C612A-

7/28

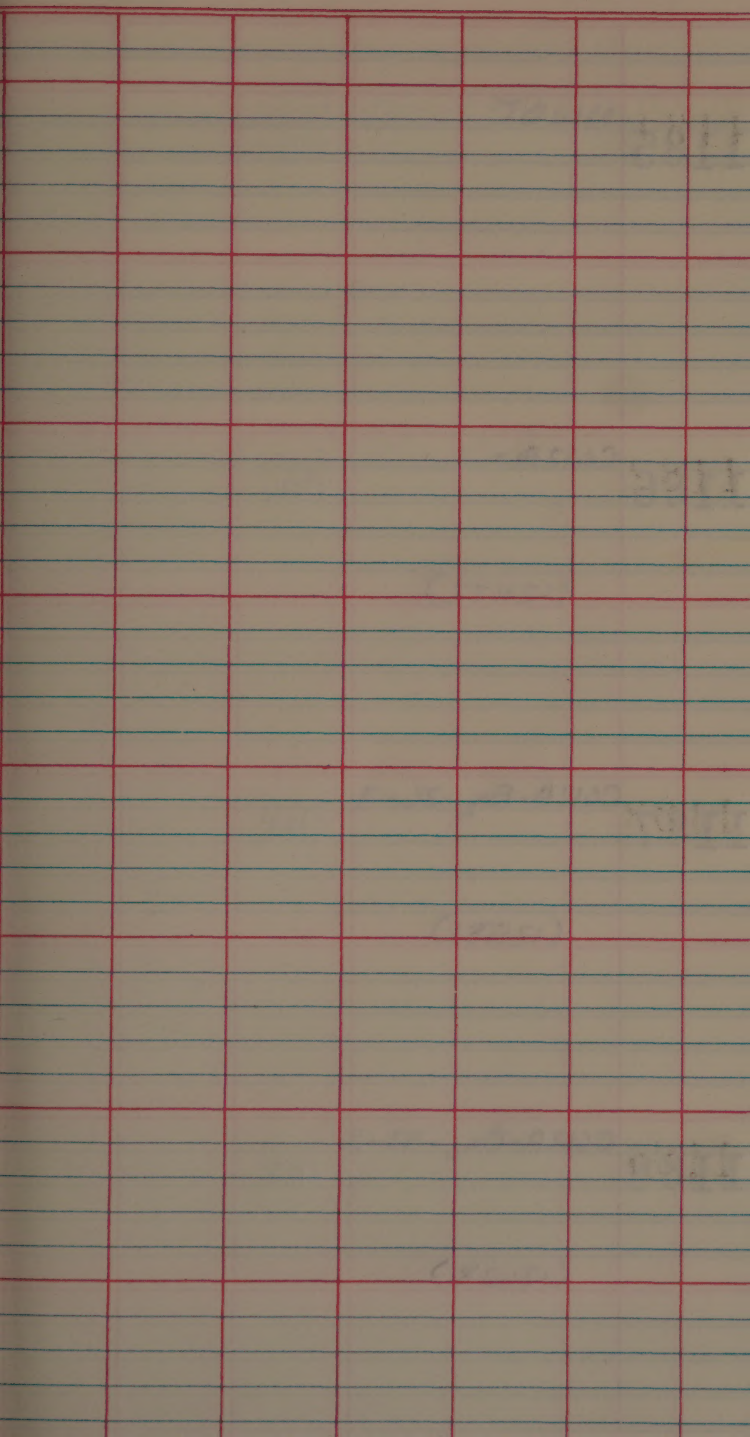
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NWBT

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C612A-

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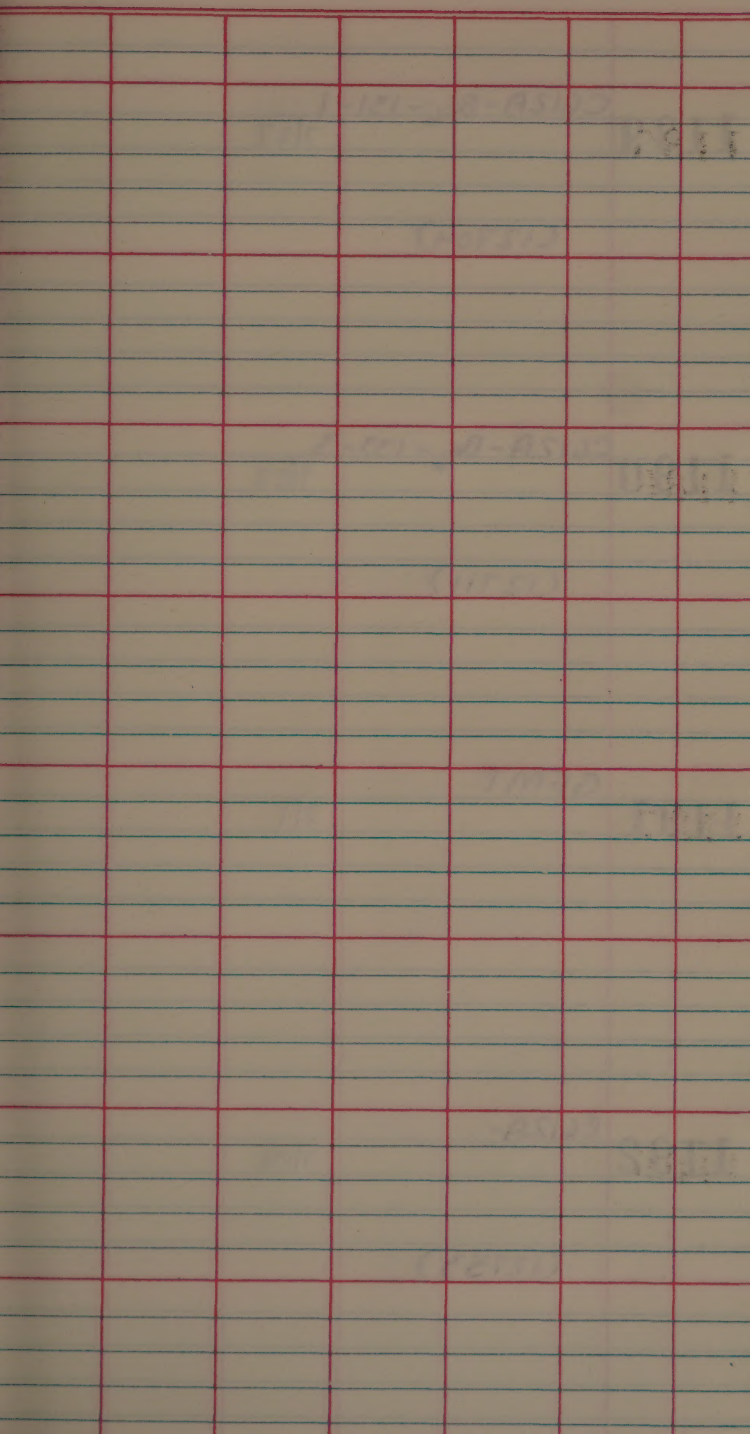
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GFMT

8/1

1192

C612A-

7/28

(12753)

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C611A-Bk-48-5-4-1-1

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(12880)

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C611A-1-2-4-3-Bk

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(12979-82)

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C611A-26-1-3-3-3

7/25

(13041)

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C611A-Bk₆-67-3

7/25

(13337)

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SKBT

7/31

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C611A-BK₆-282-4

7/28

(13581)

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(13716-19)

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C610A-BK-35-4-4-1-BK

8/1

(13785-86)

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CG10A-BK-44-3-3-2-3

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CG10A-BK-48-6-4-1-3

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(13833)

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CG10A-BK-64-5-4-2-BK

7/30

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27-1-C-1-A0-23

113

1051

(1051)

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CG10A-1-3-3-1-Bk

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CG10A-13-2-1-5-4

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8/1

(14002-06)

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CG10A-26-6-2-2-3

7/31

(14020)

S-5-2-3-10-A903

2051

(100%)

S-5-2-3-10-A903

1500

(100%)

S-5-2-3-10-A903

1500

(100%)

S-5-2-3-10-A903

1500

(100%)

1209

C610A-31-2-3-2-2

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(14041)

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S. C. H. 8-12-1937

P. 181

(C. 181)

74471

P. 181

S. C. H. 8-12-1937

P. 181

(C. 181)

S. C. H. 8-12-1937

P. 181

(C. 181)

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LMNT

8/5

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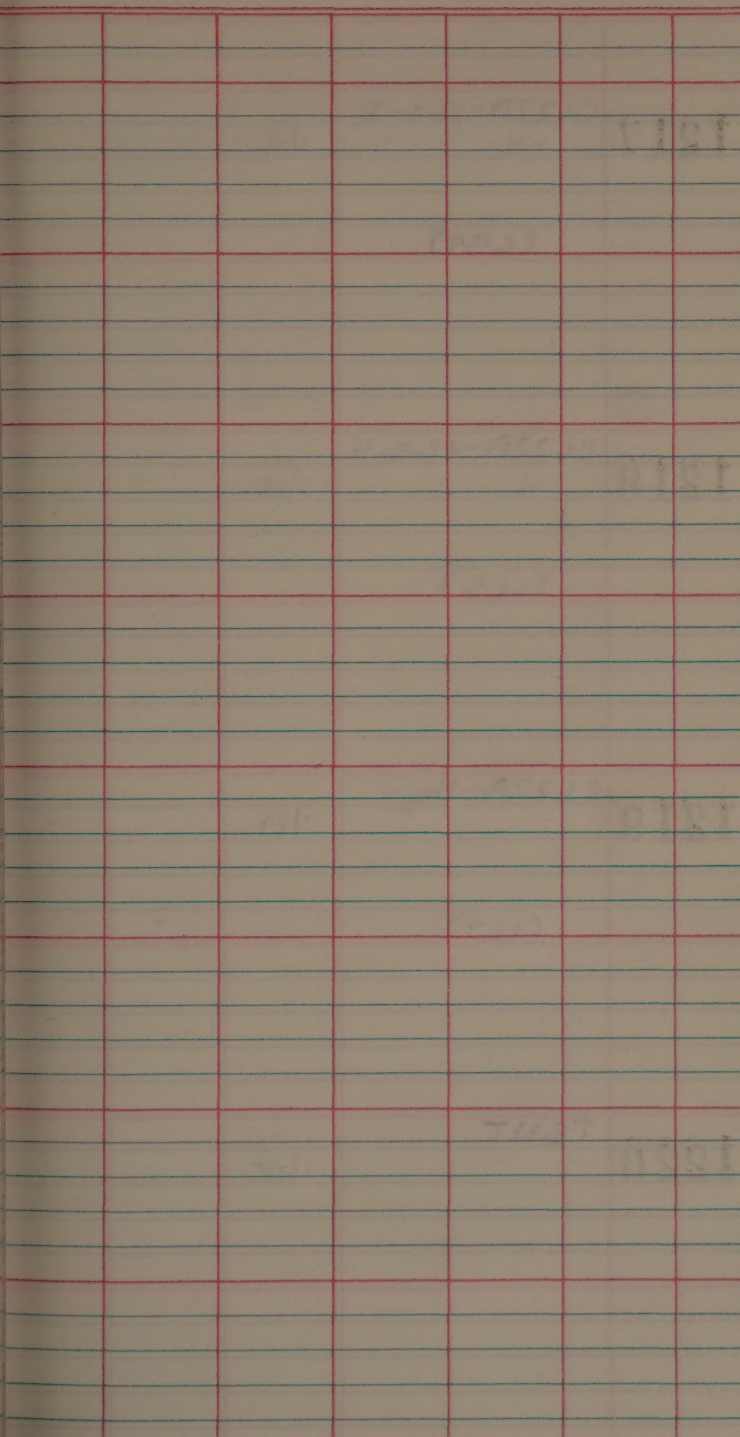
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7/28

(663)

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C622A-BK5-

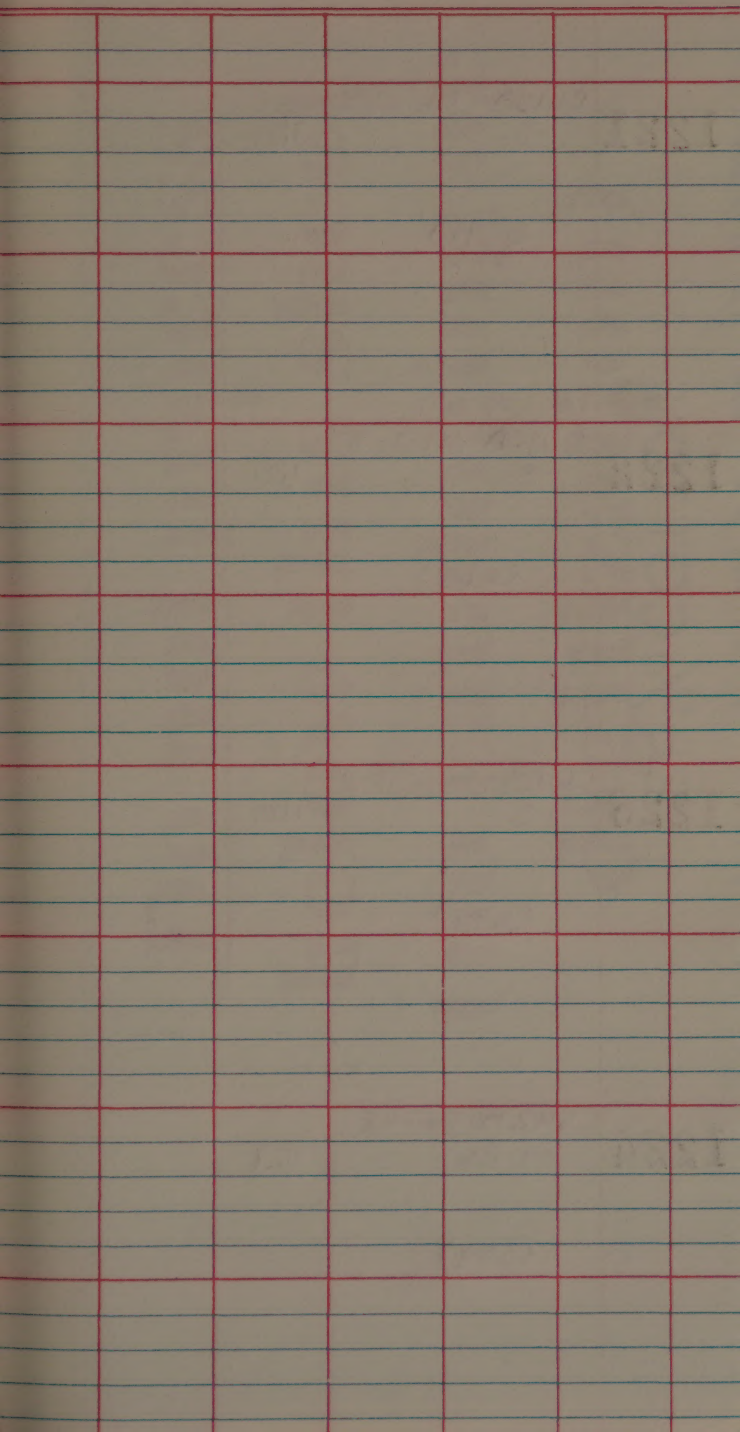
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(667)

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TBNT

7/25



1221

C610A-BK-22-3
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7/29

(671)

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7/29

(675)

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7/29

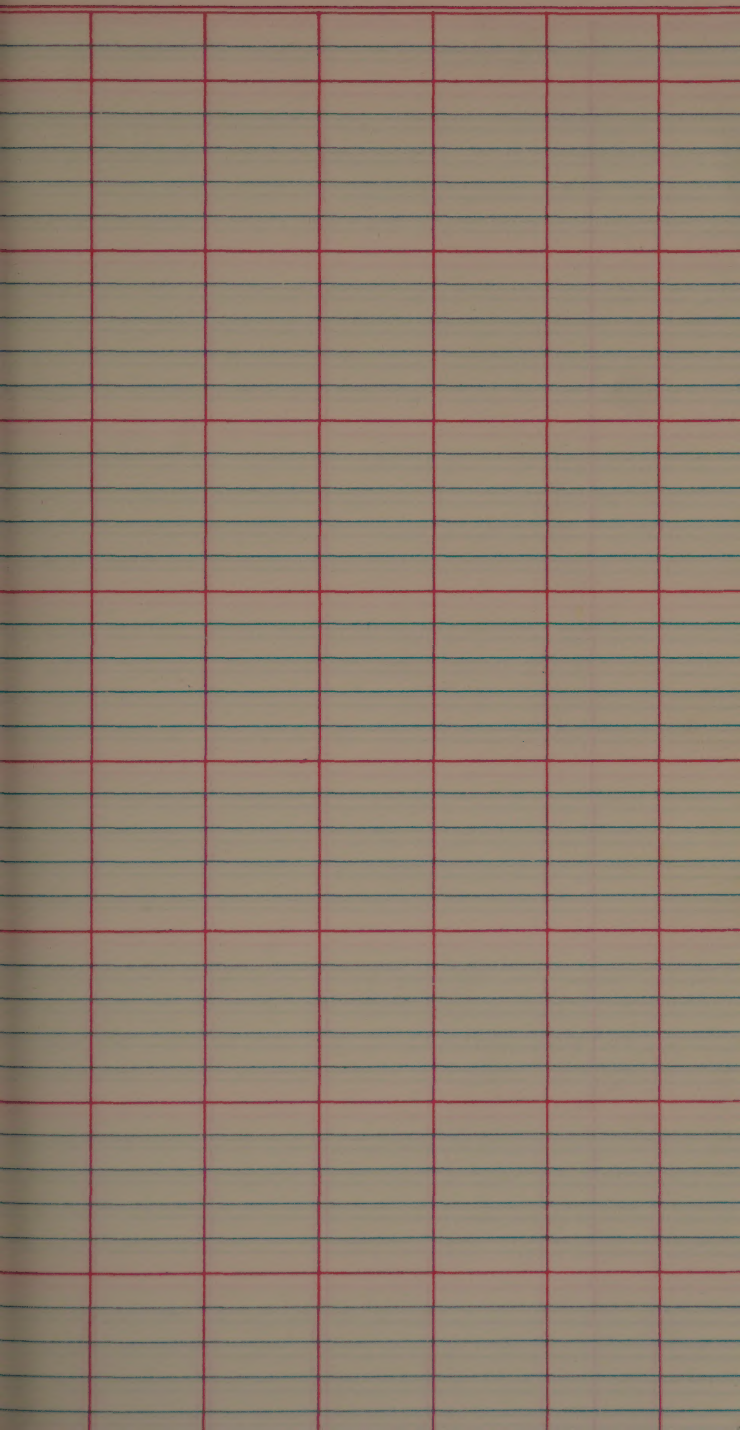
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1224

C642A-BK-48
-4-BK

7/27

(689)



B7921A = 7903157/MARS

B7819A

B7513A = 372041/LBNT * 2

C611A

B8329A = LMNT/CB801

B8333A = 8003050/CA82Y24

B8134A = B786A3 * F1/LMNT

C667A = SKBT//SSD/SSS

C622A = SKBT/L201

C631A = 7402003/LBLE

C642A = 9881/331581//7801007

C623A = SKBT/7402003

C610A

C670A

C609A = 9881/331581//7801067

C615A = 9881/331581//7701074

C612A = 9881/331581//7402003

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

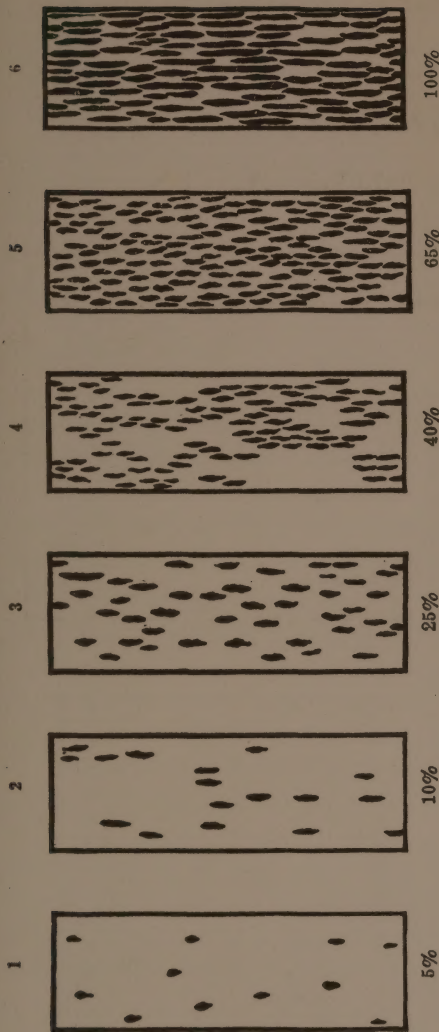


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



Seeded 4/17/86

2001

B775A1

Non-infested

Rep I

"

6/26

2002

6/26

2003

"

7/29

bk

6/26

2004

"

6/26

2005

"

6/26

2006

CI 12273

Infested

I

"

6/28

2007

6/28

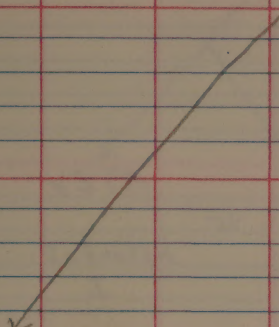
7/29

bk

"

2008

6/28



6/28

2009

6/28

2010

B775A1

Infested
I

6/26

2011

6/26

2012

6/26

2013

bx 7/29

6/26

2014

6/26

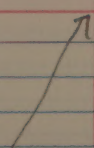
2015

VSTA

Non-infested
I

7/5

2016



2017

7/5

2018

8/4

7/5

2019

7/5

2020

7/5

2021

CI 12273

Non-infested
I

6/28

2022

6/28

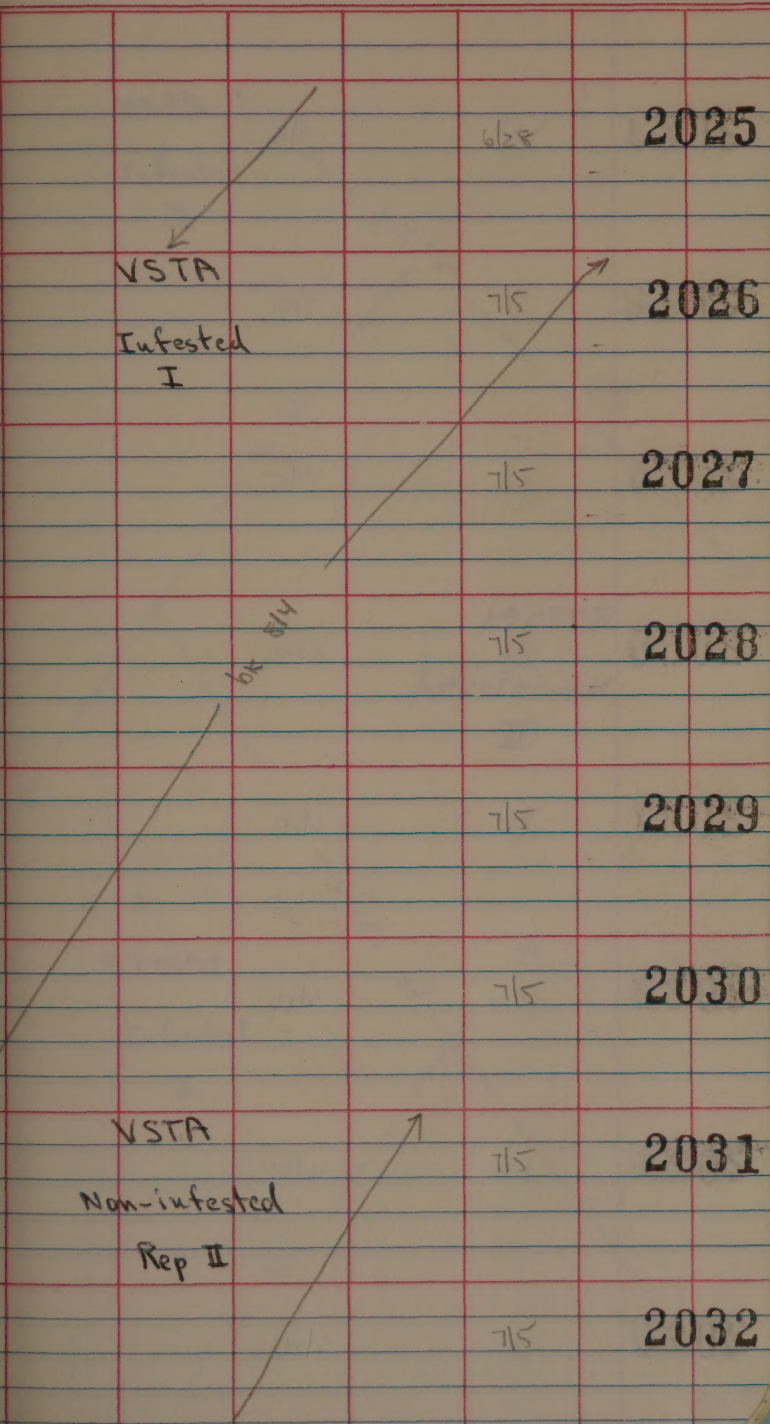
2023

7/29

6/28

2024

6/28



2033

7/5

2034

bx 8/4

7/5

2035

7/5

2036

B775A1

Non-infested
II

6/26

2037

6/26

2038

bx 7/29

6/26

2039

6/26

2040

6/26

VSTA

Infested

II

7/5

2041

7/5

2042

8/4

hk

7/5

2043

7/5

2044

7/5

2045

B775A1

Infested

II

7/5

6/26

2046

6/26

2047

7/29

hk

6/26

2048

2049

6/26

2050

6/26

2051

CI 12273

Infested

II

6/27

2052

6/27

2053

6/27

2054

6/27 7/29

6/27

2055

6/27

2056

CI 12273

Non-infested

II

6/27

6/27

2057

7/29

6K

6/27

2058

6/27

2059

6/27

2060

B775A1

Infested

Rep III

6/28

2061

6/28

2062

6/28

2063

7/29

6K

6/28

2064

2065

6/28

2066

VSTA

7/5

Infested

III

2067

7/5

2068

7/5

2069

7/5

2070

7/5

2071

CI 12273

6/27

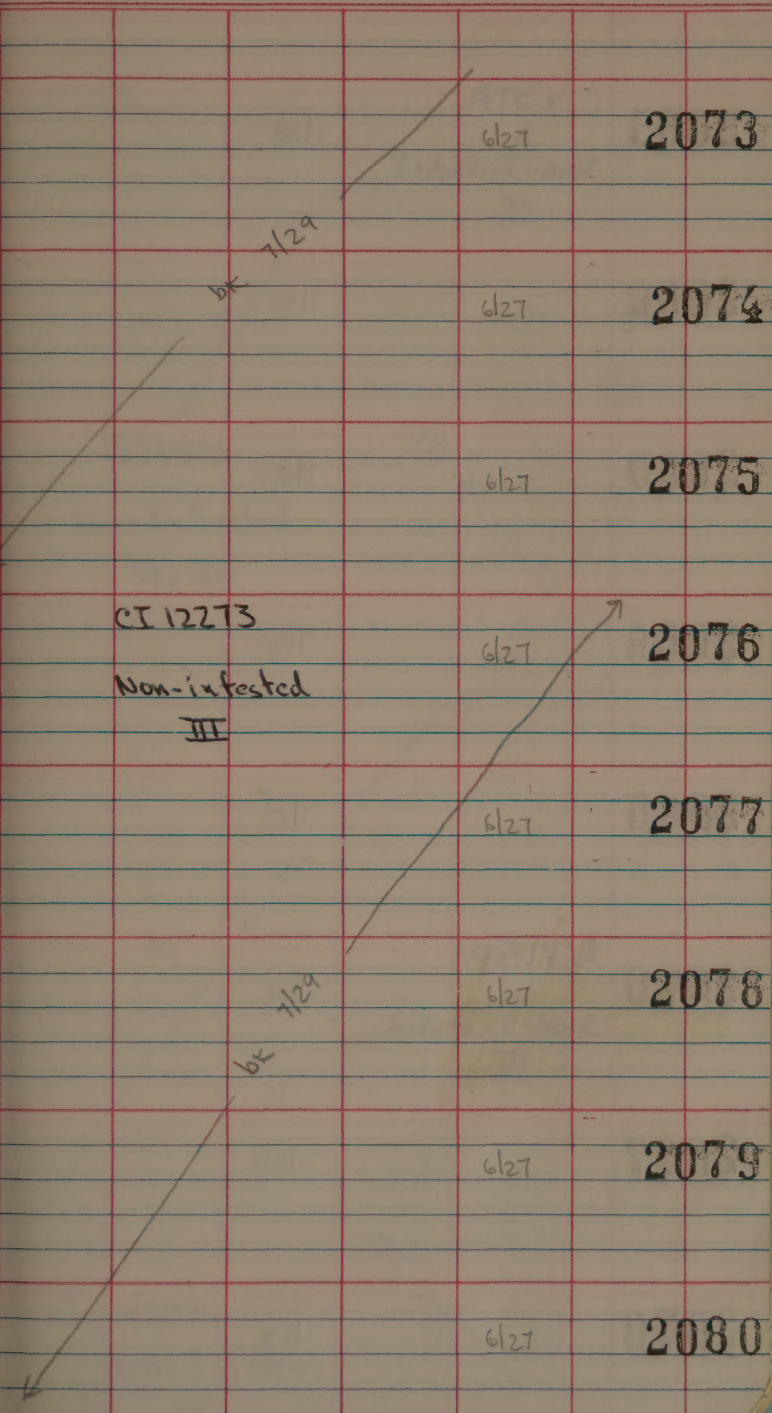
Infested

III

2072

6/27

contains some nipitexin!
(removed)
bx 8/4



2081

VSTA

Non-Infested

III

7/5

2082

7/5

2083

bk 8/4

7/5

2084

7/5

2085

7/5

2086

B775A1

Non-Infested

III

6/28

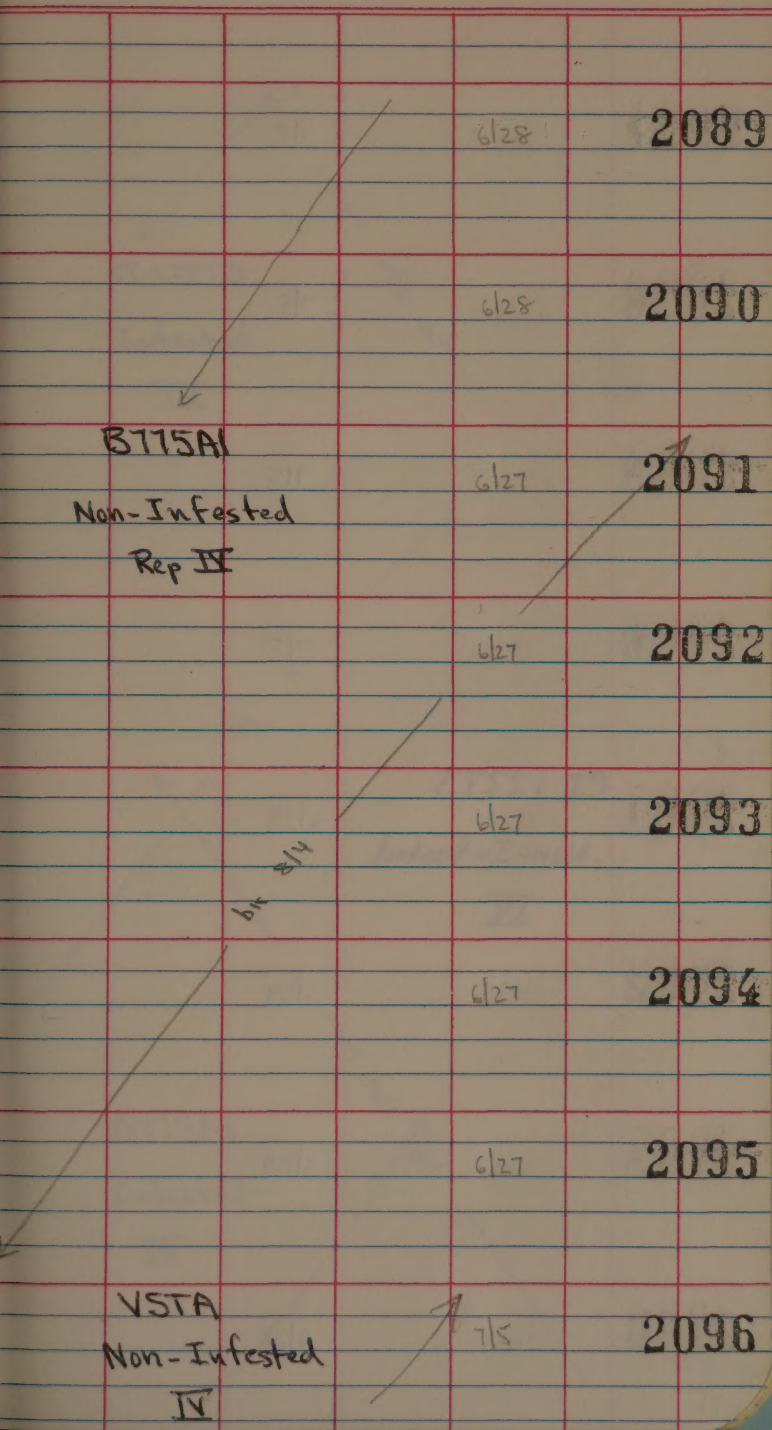
2087

6/28

2088

bk 8/4

6/28



2097

7/5

2098

7/5

2099

7/5

2100

7/5

2101

CI 12273

Non-Infested

IV

6/28

2102

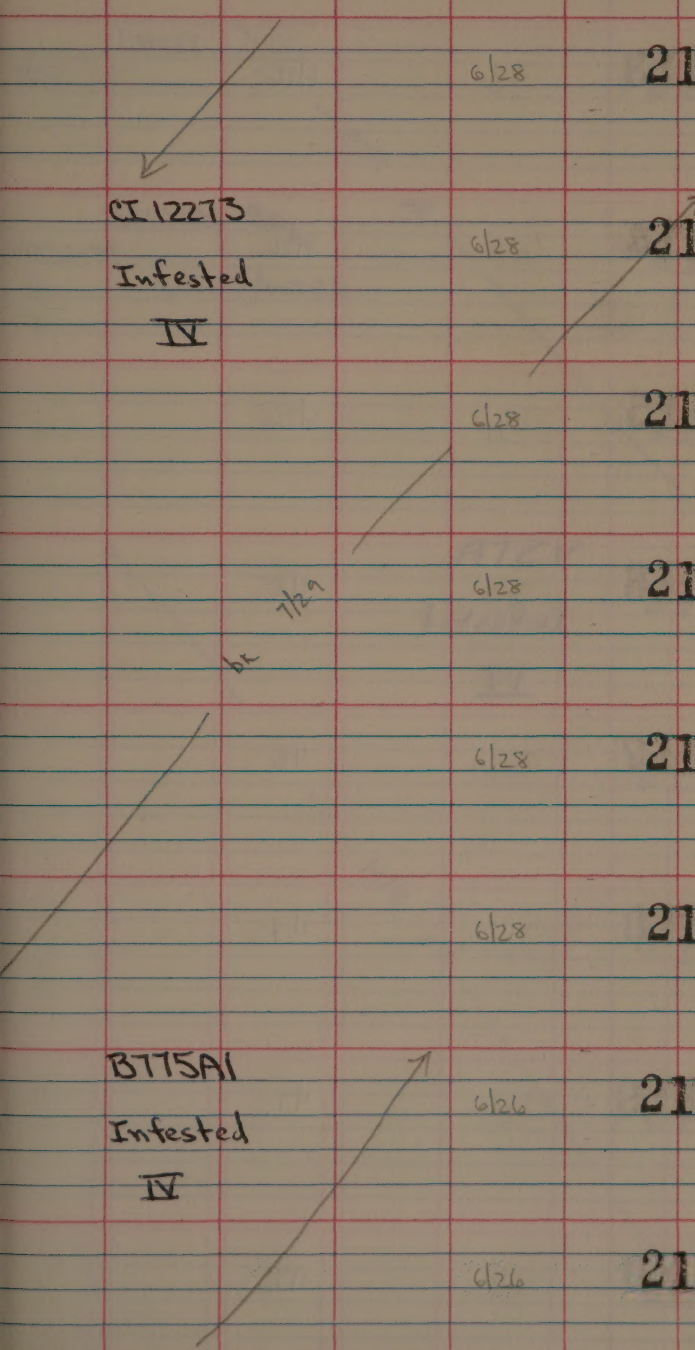
6/28

2103

6/28

2104

6/28



CI 12273

Infested

IV

6/28

2105

6/28

2106

6/28

2107

6/28

2108

6/28

2109

6/28

2110

B775A1

Infested

IV

6/26

2111

6/26

2112

2113

6/26

2114

6/26

2115

6/26

2116

VSTA

Infested

IV

7/5

2117

7/5

2118

7/7

2119

7/7

2120

7/7

bx 7/29

bx 8/14

LMNT

55

717

2121

B8129A1 - BK₆

24351-99

bk

LMNT/MTCA

719

2122

7/7

2123

7/7

2124

7/8

2125

7/6

2126

715

2127

718

2128

2129

B8129A1 - Bkg

7/8

24351-99

bk

↓

2130

7/9

2131

7/6

2132

7/9

2133

7/7

2134

7/9

2135

7/7

2136

7/6

B8129A1-BK₆

24351-99

bk
↓

7/8

2137

7/8

2138

7/7

2139

7/7

2140

7/6

2141

7/6

2142

7/7

2143

7/6

2144

2145	B8129A1-BK ₆	7/5	24351-99	bk ↓
2146		7/7		
2147		7/4		
2148		7/7		
2149		7/8		
2150		7/3		
2151		7/9		
2152		7/7		

24351-99

B8129A1-Bk₆

7/7

2153

bk

↓

7/8

2154

7/6

2155

7/7

2156

7/7

2157

7/6

2158

7/4

2159

7/5

2160

B8129A1-Br₆

2161

7/6

24351-99

bis

↓

2162

7/6

2163

7/6

2164

7/7

2165

7/8

2166

7/6

2167

7/7

2168

7/7

B8129A1-Bk₆

24351-99

bk
↓

7/7

2169

7/7

2170

7/6

2171

7/6

2172

7/7

2173

7/7

2174

7/6

2175

7/7

2176

2177

B8129A1-Bk₆

7/4

24351-99

bks
↓

2178

7/8

2179

7/9

2180

7/6

2181

7/2

2182

7/6

2183

7/7

2184

7/6

24351-99	B8129A1-BK ₆	7/5	2185
bk ↓			
		7/7	2186
		7/6	2187
		7/2	2188
		7/6	2189
		7/7	2190
24351-99	B8129A1-BK ₆	7/5	2191
bk	Hand-selected lgts from bulked seed sample ↓		
		7/7	2192

2193

B8129A1 - Bk₆

7/6

24351 - 99

bk
↓

2194

7/10

2195

7/10

2196

7/10

2197

7/7

2198

7/8

2199

7/9

2200

Mutica

7/9

24541

21189-200	B8329M1- Bk ₂	7/7	2201
b/c	LMNT/CB801		
↓			
		7/7	2202
		7/7	2203
		7/6	2204
		7/5	2205
		7/5	2206
		7/7	2207
		7/7	2208

B8329A1-Bk2

2209

7/7

21189-200

bks

↓

2210

7/7

2211

7/7

2212

7/7

2213

7/7

2214

7/7

2215

7/7

2216

7/7

B8329A1 - Bk₂

21189-200

bis
↓

7/7

2217

7/7

2218

7/7

2219

7/7

2220

7/7

2221

7/7

2222

7/7

2223

7/8

2224

2225	CB 801	7/20	3450
------	--------	------	------

2226	B8329A1-Bk ₂	7/7	21189-200 bks ↓
------	-------------------------	-----	-----------------------

2227		7/7	
------	--	-----	--

2228		7/6	
------	--	-----	--

2229		7/7	
------	--	-----	--

2230		7/7	
------	--	-----	--

2231		7/7	
------	--	-----	--

2232		7/7	
------	--	-----	--

B8329A1-Bk₂

21189-200

↓

7/7

2233

7/7

2234

7/7

2235

7/7

2236

7/7

2237

7/7

2238

7/6

2239

7/7

2240

2241

B8329A1- Bk₂

7/7

21189-200

bk

↓

2242

7/7

2243

7/6

2244

7/7

2245

7/7

2246

7/6

2247

7/7

2248

7/7

		7/7	2249
HR	G FMT	7/12	2250
			bk 8/22
21296-310	B8329A2-Bk -1	7/7	2251
	LMNT / CB 801		
	-2	7/7	2252
	-3	7/25	2253
	-4	7/14	2254
	☆	UHM	1/p ✓
	-5		bk 8/22
		7/11	2255
	-6	7/6	2256
		UHM	1/p ✓

2257

B8329A2-BK-7

7/7

21296-310

2258

-8

7/7

2259

-9

7/13

2260

-10

7/26

2261

-11

7/17

2262

-12

7/8

2263

-13

7/11

2264

-14

7/7

✓ P/P

21296-310

B8329A2-BK-15

7/10

2265

-16

7/18

2266

-17

7/14

2267

-18

7/16

2268

-19

7/6

2269

Pip ✓

-20

7/7

2270

Pip ✓

-21

7/8

2271

-22

7/7

2272

2273	B8329A2-BK-23	7/11		21296-310
✓ P/P				
2274	-24	7/17		
2275	RXMT	7/16		HR
br 8/22				
2276	-25	7/12		
2277	-26	7/11		
✓ P/P				
2278	-27	7/7		
✓ P/P				
2279	-28	7/8		
2280	-29	7/6		
✓ P/P				

B8329A2-BK-30	7/14	2281
21296-310		
-31	7/7	2282
-32	7/14	2283
-33	7/8	2284
-34	7/11	2285 pip ✓
-35	7/11	2286 pip ✓
-36	7/13	2287 Viper Viper 8/22
-37	7/17	2288 IR ✓

2289	B8329A2-BK-38	7/9		
2290	-39	7/14		
2291	-40	7/4		
✓ P/P				
2292	-41	7/7		
✓ P/P				
2293	-42	7/10		
2294	-43	7/11		
2295	-44	7/15		
2296	-45	7/11		

B8329A2-BK-46

7/11

2297

✓
P/P

-47

7/5

2298

-48

7/10

2299

✓
P/P

-49

7/13

2300

-50

7/11

2301

-51

7/8

2302

-52

7/7

2303

-53

7/8

2304

2305

B8329A2-BK-54

7/16

2306

-55

7/15

✓ IP

UHM

2307

-56

7/17

2308

-57

7/7

2309

-58

7/16

✓ PP

2310

-59

7/10

2311

-60

7/8

2312

-61

7/19

B8329A2-BK-62

7/15

2313

UHM

-63

7/18

2314

-64

7/14

2315

-65

7/12

2316

-66

7/4

2317

✓
P/P

-67

7/14

2318

-68

7/7

2319

-69

7/11

2320

✓
P/P

B8329A2-BK-70

2321

7/6

✓
P/p

-71

2322

7/9

-72

2323

7/11

-73

2324

7/8

NWBT

2325

7/17

54

bk 8/22

B8329A2-BK-74

2326

7/1

21296-310

-75

2327

7/6

✓
P/p

UHTA

bk 8/22

-76

2328

7/10

B8329A2-BK-17

7/14

2329

-18

7/10

2330

-19

7/7

2331

PP ✓

-80

7/7

2332

PP ✓

-81

7/7

2333

PP ✓

UHM

bk 8/22

-82

7/12

2334

-83

7/14

2335

PP ✓

UHM

-84

7/7

2336

PP ✓

2337

B8329A2-BK-85

7/9

2338

-86

7/7

2339

-87

7/7

2340

-88

7/8

2341

-89

7/8

2342

-90

7/6

2343

-91

7/7

2344

-92

7/6

✓ pp
b n 8 b 2

UHM

B8329A2-BK-93

7/7

2345

-94

7/15

2346

-95

7/8

2347

✦

UHM

bk 8/22

-96

7/7

2348

-97

7/19

2349

SKBT

HR

7/12

2350

bk 8/22

B8329A2-BK-98

21296-310

7/7

2351

-99

7/7

2352

PP

2353

B8329A2-BK-100

7/10

2354

-101

7/12

2355

-102

7/9

2356

-103

7/7

2357

-104

7/22

2358

-105

7/8

2359

-106

7/10

2360

-107

7/13

Obvious off-type
Seq. gold + st.

B8329A2-BK-108

7/12

2361

-109

7/11

2362

-110

7/7

2363

PP ✓

-111

7/8

2364

-112

7/12

2365

PP ✓

-113

7/19

2366

-114

7/9

2367

-115

7/20

2368

2369

B8329A2-BK-116

7/7

2370

-117

7/8

2371

-118

7/27

2372

-119

7/11

2373

-120

7/27

2374

-121

7/8

✓ PP

bK 8/22

UHM

2375

NWRX

7/11

158

bK 8/22

2376

-122

7/11

✓ PP

B8329A2-BK-123

7/11

2377

-124

7/12

2378

-125

7/19

2379

-126

7/17

2380

-127

7/23

2381

-128

7/9

2382

-129

7/7

2383

12

-130

7/20

2384

B8329A2-BK-131

2385

PP

7/7

2386

-132

7/17

PP

UHM

2387

-133

7/17

2388

-134

7/11

2389

-135

7/10

2390

-136

7/8

2391

-137

7/8

2392

-138

7/18

B8329A2-BK-139

7/18

2393

-140

7/16

2394

-141

7/18

2395

-142

7/19

2396

-143

7/15

2397

-144

7/18

2398

-145

7/13

2399

-146

7/9

2400

2401

B8329A2-Bk-147

7/13

21296-310

2402

-148

7/20

2403

-149

7/19

2404

-150

7/17

2405

-151

7/18

2406

-152

7/20

2407

-153

7/11

2408

-154

7/7

B8329A2-BK-155

7/20

2409

-156

7/10

2410

PP ✓

-157

7/14

2411

-158

7/10

2412

PP ✓

-159

7/8

2413

-160

7/9

2414

-161

7/14

2415

PP ✓



UHM

-162

7/17

2416

B8329A2-BK-163

2417

7/23

2418

-164

7/10

2419

-165

7/13

2420

-166

7/28

2421

-167

7/15

2422

-168

7/8

2423

-169

7/14

2424

-170

7/8

119	L-202	7/11	2425	bx 8/22
	88329A2-BK-171	7/16	2426	
	-172	7/12	2427	pp ✓
	-173	7/12	2428	
	-174	7/12	2429	
	-175	7/17	2430	
	-176	7/8	2431	pp ✓
	-177	7/20	2432	

B8329A2-BK-178

2433

7/7

✓
PP

UHM

bk 8/22

-179

2434

7/17

2435

-180

7/9

2436

-181

7/12

✓
PP

UHM

2437

-182

7/19

2438

-183

7/23

2439

-184

7/7

2440

-185

7/7

✓
PP

B8329A2 - BK - 186

7/7

2441

-187

7/5

2442

PP

-188

7/10

2443

PP

-189

7/7

2444

PP

Uhm

bk 8/22

-190

7/9

2445

-191

7/6

2446

-192

7/10

2447

-193

7/14

2448

PP

Uhm

2449

B8329A2-BK-194

7/5

PP

2450

CI 9902

7/23

24571

bk 8122

2451

-195

7/7

2452

-196

7/16

2453

-197

7/15

2454

-198

7/12

2455

-199

7/11

2456

-200

7/26

B8329A2-BK-201

7/16

2457

-202

7/15

2458

-203

7/10

2459

PP

-204

7/10

2460

PP

UHM

BK 8/22

-205

7/21

2461

-206

7/8

2462

-207

7/15

2463

-208

7/14

2464

2465 B8329A2-Bk-209 7/13

2466 -210 7/17

2467 -211 7/18

2468 -212 7/10

2469 -213 7/15

✓ PP

2470 -214 7/8

✓ PP

2471 -215 8/2

2472 -216 7/20

B8329A2-BK-217

7/21

2473

-218

7/11

2474

PP

BLMT

56

7/17

2475

bk 8/22

-219

7/22

2476

-220

7/17

2477

-221

7/17

2478

PP

-222

7/8

2479

-223

7/9

2480

B8329A2-BK-224

2481

7/9

PP

-225

2482

7/17

-226

2483

7/14

-227

2484

7/31

-228

2485

7/17

-229

2486

7/8

-230

2487

7/12

PP

-231

2488

7/15

PP

HM

B8329A2-Bk-232

7/12

2489

-233

7/8

2490

-234

7/8

2491

-235

7/11

2492

-236

7/16

2493

-237

7/17

2494

-238

7/9

2495

-239

7/17

2496

2497

B8329A2-BK-240

7/12

21296-310

✓
TP

bic 8/22

UHM

2498

-241

7/16

2499

-242

7/16

-
500

-243

7/19

2501

-244

7/18

2502

-245

7/19

2503

-246

7/17

2504

-247

7/7

B8329A2-BK-248

7/9

2505

-249

7/7

2506

-250

7/10

2507

-251

7/18

2508

-252

7/14

2509

PP ✓

-253

7/8

2510

-254

7/9

2511

PP ✓

Umm

bkr 8/22

-255

7/21

2512

2513

B8329A2-BK-256

7/15

2514

-257

7/16

2515

-258

7/18

✓ PP

bk 8/22

UHM

2516

-259

7/11

✓ PP

2517

-260

7/22

2518

-261

7/27

2519

-262

7/7

2520

-263

7/12

✓ PP

bk 8/22

UHM

21296-310	B8329A2-BK-264	7/17	2521
	-265	7/10	2522
	-266	7/13	2523
	-267	7/16	2524
16	LBLE	7/16	2525
			bk 8/22
	B8329A2-BK-268	7/11	2526
	-269	7/16	2527
	-270	7/12	2528
		(44m)	PP ✓

B8329A2-Bk-271

2529

7/8

✓ PP

-272

2530

7/7

✓ PP

-273

2531

7/8

-274

2532

7/6

-275

2533

7/7

✓ PP

-276

2534

7/9

✓ PP

bk 8/22

UHM

-277

2535

7/11

✓ PP

-278

2536

7/13

B5329A2-BK-279

7/17

2537

pp ✓

-280

7/17

2538

-281

7/18

2539

-282

7/17

2540

-283

7/16

2541

pp ✓

-284

7/18

2542

pp ✓

-285

7/11

2543

-286

7/18

2544

2545 B8329A2-Bk-287
7/17

2546 -288
7/15

2547 -289
7/16

2548 -290
7/7

✓ PP

2549 -291
7/8

2550 LBNT
7/11 36

bK 8/22

2551 B8329A2-Bk₂
7/7 21296-310

bK

↓

2552 7/7

B8329A2-Bk₂

21296-310

bk

↓

7/7

2553

7/7

2554

7/7

2555

7/7

2556

7/7

2557

7/7

2558

7/7

2559

7/7

2560

2561

B8329A2-Bk₂

7/7

2562

7/7

2563

7/7

2564

7/7

2565

7/7

2566

7/9

2567

7/7

2568

7/8

B8329A2-Bk₂

7/8

2569

7/7

2570

7/7

2571

7/7

2572

7/8

2573

7/8

2574

7/7

2575

7/7

2576

2577

B8329A2-Bk₂

7/7

2578

7/7

2579

7/7

2580

Basmati 370

7/7

24656-60

2581

2582

2583

2584

Basmati 370

2585

2586

2587

2588

2589

2590

2591

2592

2593

Basmati 370

24656-60

2594

2595

2596

2597

2598

2599

2600

Seeded 4/17

21414-429	B8329A4-Bx-1 LMNT/CB801	7/7	2601
	-2	7/8	2602
	-3	7/7	2603
	-4	7/11	2604
	-5	7/11 Umm	2605 ✓ br 8/22
	-6	7/18	2606
	-7	7/10	2607
	-8	7/7	2608

2609

B8329A4-BK-9

7/7

✓ PP

2610

-10

7/11

✓ PP

UHM

2611

-11

7/7

2612

-12

7/7

2613

-13

7/7

✓ PP

2614

-14

7/7

2615

-15

7/7

✓ PP

UHM

2616

-16

7/7

B8329A4-Bk-17

7/11

2617

pp ✓

-18

7/17

2618

-19

7/18

2619

-20

7/17

2620

-21

7/17

2621

-22

7/13

2622

-23

7/15

2623

-24

7/17

2624

pp ✓

2625

LMNT

7/18

HR

bk 8/22

2626

B8329A4-Bk-25

7/14

2627

-26

7/11

PP

2628

-27

7/12

2629

-28

7/17

2630

-29

7/14

2631

-30

7/17

2632

-31

7/18

B8329M4-BK-32

7/17

2633

-33

7/14

2634

-34

7/18

2635

-35

7/8

2636

-36

7/14

2637

PP[✓]

-37

7/17

2638

-38

7/13

2639

UHM

PP[✓]

bx 8/22

-39

7/12

2640

B8329A4-BK-40

2641

7/7

2642

-41

7/16

2643

-42

7/15

✓
PP
2644

-43

7/11

✓
PP
2645

-44

7/7

✓
PP
2646

-45

7/12

Umm

2647

-46

7/11

2648

-47

7/11

B8329A4-Bk-48

7/23

2649

TBNT

13

7/11

2650

bx 8/22

B8329A4-Bk-49

7/11

2651

-50

7/13

2652

-51

7/13

2653

-52

7/16

2654

-53

7/18

2655

-54

7/16

2656

B8329A4-Bk-55

2657

7/17

✓
PP

2658

-56

7/18

2659

-57

7/19

2660

-58

7/17

✓
PP

2661

-59

7/15

2662

-60

7/19

✓
PP

2663

-61

7/18

2664

-62

7/12

B8329A4-Bx-63

7/17

2665

-64

7/15

2666

-65

7/21

2667

-66

7/12

2668

0.4M

1P

-67

7/11

2669

-68

7/13

2670

-69

7/8

2671

-70

7/10

2672

2673

B8329A4-BK-71

7/11

✓ PP

PP

-72

2674

7/7

✓ PP

PP

BOND

2675

7/13

14

bk 8/22

-73

2676

7/8

-74

2677

7/14

✓ PP

UHM

bk 8/22

-75

2678

7/13

-76

2679

7/8

-77

2680

7/11

B8329A4-Bk-78-221-104-5127

7/11

2681

pp

-79

7/18

2682

-80

7/10

2683

-81

7/8

2684

pp

-82

7/12

2685

pp

-83

7/8

2686

-84

7/17

2687

pp

-85

7/15

2688

2689

B8329A4-Bk-86

7/8

2690

-87

7/20

2691

-88

7/10

✓ PP
2692

-89

7/6

2693

-90

7/16

2694

-91

7/7

2695

-92

7/16

✓ PP
2696

-93

7/14

B8329A4-Bk-94

7/18

2697

-95

7/16

2698

-96

7/14

2699

-97

7/20

2700

-98

7/14

2701

-99

7/8

2702

-100

7/8

2703

-101

7/7

2704

Dum

PR ✓
OK 8/22

B8329A4-BK-102

2705

7/14

2706

-103

7/16

✓
PP

2707

-104

7/17

2708

-105

7/17

2709

-106

7/17

2710

-107

7/18

✓
PP

2711

-108

7/17

2712

-109

7/15

B8329A4-BK-110

7/16

2713

PP ✓

-111

7/8

2714

-112

7/11

2715

U4m

PP ✓

bk 8/22

-113

7/8

2716

-114

7/8

2717

-115

7/7

2718

PP ✓

-116

7/15

2719

-117

7/8

2720

PP ✓

B8329A4-BK-118

2721

7/11

PP

-119

2722

7/8

-120

2723

7/9

-121

2724

7/8

TR02

2725

7/17

53

bk 8/22

-122

2726

7/15

-123

2727

7/9

-124

2728

7/10

PP

bk 8/22

U477

B8329A4-Bk-125

7/17

2729

-126

7/11

2730

-127

7/15

2731

pp ✓

-128

7/8

2732

-129

7/18

2733

-130

7/14

2734

pp ✓

-131

7/17

2735

-132

7/17

2736

B8329A4-BK-133

2737

7/6

✓ PP

-134

2738

7/14

-135

2739

7/9

-136

2740

7/7

-137

2741

7/8

-138

2742

7/7

-139

2743

7/7

-140

2744

7/9

✓ PP

B8329A4-Bk-141

7/7

2745

PP ✓

UHM

b/c 8/22

-142

7/7

2746

PP ✓

UHM

b/c 8/22

-143

7/7

2747

-144

7/11

2748

PP ✓

UHM

b/c 8/22

-145

7/9

2749

BLE-X2-2

3424

7/7

2750

b/c 8/22

-146

7/10

2751

-147

7/7

2752

B8329A4-BK-148

2753

7/8

2754

-149

7/11

2755

-150

7/11

2756

-151

7/12

2757

-152

7/14

2758

-153

7/17

2759

-154

7/19

2760

-155

7/16

B8329A4-BK-156

7/8

2761

-157

7/8

2762

-158

7/12

2763

UHM

PP

bk 8/22

-159

7/8

2764

PP

-160

7/8

2765

-161

7/14

2766

-162

7/7

2767

PP

-163

7/6

2768

UHM

PP

bk 8/22

B8329A4-BK-164

2769

7/11

2770

-165

7/18

2771

-166

7/17

2772

-167

7/12

2773

-168

7/11

✓ pp

2774

-169

7/18

2775

Costa Rica 1113

7/19 ?

19824

Early vaguer

2776

-170

7/9

✓ pp

B8329A4-Bk-171

7/19

2777

-172

7/13

2778

pp

-173

7/18

2779

-174

7/15

2780

-175

7/13

2781

-176

7/11

2782

-177

7/11

2783

-178

7/16

2784

2785

B8329A4-BK-179

7/14

2786

-180

7/17

2787

-181

7/17

2788

-182

7/9

PP

UHM

BK 8/22

2789

-183

7/8

2790

-184

7/8

PP

2791

-185

7/13

2792

-186

7/7

B8329A4-BK-187

7/9

2793

-188

7/9

2794

-189

7/8

2795

-190

7/7

2796

-191

7/8

2797

✓

-192

7/8

2798

-193

7/7

2799

-194

7/7

2800

B8329A4-BK-195

2801

7/7

PP

UHM

2802

-196

7/11

2803

-197

7/17

2804

-198

7/17

2805

-199

7/19

PP

UHM

2806

-200

7/15

PP

2807

-201

7/14

2808

-202

7/18

PP

B8329A4-BK-203

7/16

2809

-204

7/11

2810

pp ✓

-205

7/16

2811

-206

7/7

2812

-207

7/7

2813

-208

7/7

2814

Uhm?

pp ✓

-209

7/10

2815

Uhm

pp ✓

bk

-210

7/7

2816

B8329A4-Bk-211

2817

717

✓ PP

UHM

-212

2818

717

-213

2819

717

-214

2820

715

-215

2821

710

✓ PP

-216

2822

717

-217

2823

717

✓ PP

-218

2824

711

✓ PP
BK

HR	G FMT	7/13	2825	bx 8/27
	B8329A4-BK-219	7/14	2826	
	-220	7/17	2827	
	-221	7/12	2828	PP ✓
	-222	7/12	2829	
	-223	7/18	2830	
	-224	7/18	2831	PP ✓
	-225	7/15	2832	

2833

B8329A4-BK-226

7/7

✓ PP

2834

-227

7/7

2835

-228

7/6

✓ PP

bk

2836

-229

7/8

2837

-230

7/8

2838

-231

7/11

✓ PP

UHM

2839

-232

7/14

2840

-233

7/7

B8329A4-Bk-234

7/17

2841

PP

-235

7/12

2842

PP

-236

7/10

2843

PP

-237

7/11

2844

-238

7/8

2845

PP

-239

7/11

2846

PP

bkr

-240

7/12

2847

PP

-241

7/11

2848

2849

B8329A4-BK-242

7/7

2850

IR-36

7/22

9199

bk 8/22

2851

-243

7/7

UHM

2852

-244

7/12

UHM

2853

-245

7/16

UHM

2854

-246

7/7

2855

-247

7/12

2856

-248

7/11

B8329A4-Bk-249

7/11

2857

-250

7/13

2858

-251

7/17

2859

-252

7/11

2860

pp ✓

-253

7/17

2861

-254

7/17

2862

pp ✓

-255

7/14

2863

pp ✓

-256

7/11

2864

B8329A4-BK-257

2865

7/9

2866

-258

7/14

2867

-259

7/13

✓ PP

UHM

2868

-260

7/8

✓ PP

UHM

2869

-261

7/9

2870

-262

7/14

2871

-263

7/16

✓ PP

2872

-264

7/8

B8329A4-BK-265

7/8

2873

PP ✓

-266

7/12

2874

PP ✓

-267

7/13

2875

-268

7/22

2876

PP ✓

-269

7/15

2877

PP

UHM

bks

-270

7/23

2878

-271

7/8

2879

BBLE

3173

7/12

2880

bks 8/22

B8329A4-Bk₂

2881

7/7

21414-429

2882

7/7

2883

7/7

2884

7/7

2885

7/7

2886

7/7

2887

7/7

2888

7/7

38329A4-BK₂

7/7

2889

7/7

2890

7/7

2891

7/7

2892

7/7

2893

7/7

2894

7/7

2895

7/7

2896

Note: lines in cross B8336A seem to have
very high neutron potential!

2897

B8329A4-Bk₂

7/7

2898

7/7

2899

7/7

2900

7/7

2901

B8336A1-Bk-1

7/13

22176-200

LBLE-X2-2/CB801

2902

-2

7/8

2903

-3

7/11

2904

-4

7/8

✓ PP

B8336A1-BK-5

7/6

2905

PP ✓

-6

7/7

2906

-7

7/8

2907

-8

7/6

2908

PP ✓

-9

7/16

2909

-10

7/7

2910

-11

7/11

2911

-12

7/7

2912

PP ✓

2913

38336A1-BK-13

7/10

22176-200

2914

-14

7/6

✓ PP

2915

-15

7/8

✓ PP

2916

-16

7/7

✓ PP

2917

-17

7/7

2918

-18

7/10

2919

-19

7/13

✓ PP

2920

-20

7/7

B8336A1-BK-21

7/7

2921

✓

-22

7/11

2922

✓

-23

7/7

2923

-24

7/9

2924

BLUE-X2-2

3424

7/10

2925

bk 8/22

B8336A1-BK-25

7/12

2926

-26

7/6

2927

-27

7/9

2928

B8336A1-Bk-28

2929

7/13

22176-200

2930

-29

7/9

✓ PP

2931

-30

7/8

2932

-31

7/6

✓ PP

2933

-32

7/8

2934

-33

7/7

2935

-34

7/8

2936

-35

7/12

✓ PP

B8336A1-Bk-36

7/5

2937

-37

7/11

2938

PP ✓

-38

7/8

2939

PP ✓

UHM

bk 8/22

-39

7/8

2940

-40

7/7

2941

PP ✓

-41

7/9

2942

PP ✓

-42

7/8

2943

-43

7/8

2944

2945

B8336A1-BK-44

7/7

22176-200

2946

-45

7/8

✓ PP

2947

-46

7/10

2948

-47

7/7

2949

-48

7/5

2950

RXMT

7/12

HR

bK 8/22

2951

-49

7/8

2952

-50

7/7

B8336A1-BK-51

7/8

2953

-52

7/11

2954

PP ✓

-53

7/6

2955

-54

7/6

2956

PP ✓

-55

7/12

2957

PP ✓

-56

7/7

2958

-57

7/10

2959

-58

7/9

2960

PP ✓

B8336A1-BK-59

2961

7/8

22176-200

2962

-60

7/9

2963

-61

7/9

2964

-62

7/8

2965

-63

7/9

2966

-64

7/8

2967

-65

7/8

2968

-66

7/7

B8336A1-Bk-67

7/8

2969

pp ✓

-68

7/7

2970

pp ✓

-69

7/7

2971

pp ✓

UHM

bk 8/22

-70

7/18

2972

-71

7/8

2973

pp ✓

-72

7/10

2974

LBLE

16

7/8

2975

bk 8/22

-73

7/8

2976

B8336A1-BK-74

2977

7/12

22176-200

2978

-75

7/12

2979

-76

7/7

2980

-77

7/8

2981

-78

7/14

2982

-79

7/7

2983

-80

7/8

2984

-81

7/9

B8336A1-Bk-82

7/11

2985

pp ✓

-83

7/11

2986

-84

7/8

2987

pp ✓

UHM

bk 8/22

-85

7/7

2988

-86

7/5

2989

-87

7/12

2990

-88

7/11

2991

-89

7/8

2992

pp ✓

B8336A1-Bk-90

2993

7/7

22176-200

✓ PP

-91

2994

7/7

-92

2995

7/11

-93

2996

7/11

-94

2997

7/7

-95

2998

7/7

✓ PP

-96

2999

7/10

✓ PP

-97

3000

7/8

B8336A1-13K-98

7/15

3001

-99

7/9

3002

-100

7/13

3003

PP ✓

-101

7/7

3004

-102

7/8

3005

-103

7/7

3006

-104

7/11

3007

-105

7/9

3008

B8336A1-BK-106

3009

7/8

22176-200

3010

-107

7/9

✓
3011
PP

-108

7/9

3012

-109

7/6

3013

-110

7/7

3014

-111

7/7

3015

-112

7/7

3016

-113

7/10

B8336A1-Bk-114

7/10

3017

-115

7/5

3018

-116

7/5

3019

-117

7/7

3020

-118

7/12

3021

-119

7/7

3022

-120

7/7

3023

-121

7/9

3024

3025

TBNT

7/8

13

bk 8/22

3026

B8336A1-BK-122

7/11

22176-200

3027

-123

7/7

PP

3028

-124

7/14

3029

-125

7/6

3030

-126

7/5

3031

-127

7/7

3032

-128

7/15

B8336A1-BK-129

7/8

3033

✓
PP

-130

7/17

3034

-131

7/8

3035

-132

7/17

3036

-133

7/13

3037

PP ✓

-134

7/12

3038

-135

7/14

3039

PP ✓

-136

7/8

3040

B8336A1-BK-137

3041

7/8

22176-200

3042

-138

7/8

3043

-139

7/8

3044

-140

7/7

3045

-141

7/8

3046

-142

7/7

3047

-143

7/6

3048

-144

7/8

B8336A1-BK-145

7/7

3049

SKBT

HR

7/11

3050

br 8/22

-146

7/7

3051

pp ✓

-147

7/11

3052

-148

7/8

3053

-149

7/8

3054

pp ✓

-150

7/10

3055

-151

7/7

3056

pp ✓

B8336A1-Bk-152

3057

7/6

22176-200

3058

-153

7/9

3059

-154

7/7

3060

-155

7/7

3061

-156

7/6

3062

-157

7/5

3063

-158

7/7

3064

-159

7/8

B8336A1-Bk-160

7/6

3065

-161

7/7

3066

-162

7/10

3067

-163

7/11

3068

PP ✓

-164

7/8

3069

PP ✓

-165

7/11

3070

-166

7/8

3071

-167

7/8

3072

PP ✓

3073

B8336A1-Bk-168

7/7

22176-200

3074

-169

7/6

3075

LBNT

7/17

36

bk 8/22

3076

-170

7/15

3077

-171

7/9

3078

-172

7/7

3079

-173

7/13

bk 8/22

3080

-174

7/9

B8336A1-BK-175

7/17

3081

-176

7/17

3082

PP ✓

-177

7/13

3083

PP ✓

-178

7/17

3084

-179

7/18

3085

PP ✓

-180

7/16

3086

-181

7/12

3087

PP ✓

Umm

-182

7/18

3088

B8336A1-BK-183

3089

7/8

22176-200

-184

3090

7/7

-185

3091

7/7

-186

3092

7/8

-187

3093

7/8

-188

3094

7/9

-189

3095

7/6

-190

3096

7/11

B8336A1-Bk-191	7/11	3097
22176-200		PP ✓
-192	7/8	3098
-193	7/11	3099
		PP ✓
-194	7/7	3100
-195	7/8	3101
-196	7/9	3102
-197	7/10	3103
-198	7/8	3104

B8336A1-BK-199

3105

7/7

22176-200

3106

-200

7/9

3107

-201

7/8

✓
PP
3108

-202

7/7

3109

-203

7/8

✓
PP
3110

-204

7/7

3111

-205

7/10

3112

-206

7/8

B8336A1-Bk-207

7/11

3113

-208

7/6

3114

✓
TP

-209

7/11

3115

-210

7/14

3116

✓
TP

-211

7/9

3117

-212

7/6

3118

-213

7/8

3119

-214

7/8

3120

B8336A1-BK-215

3121

7/6

22176-200

✓ PP

-216

3122

7/9

-217

3123

7/6

-218

3124

7/8

GFMT

3125

7/12

HR

bk 8/22

-219

3126

7/7

-220

3127

7/7

-221

3128

7/8

✓ PP

B8336A1-Bk-222

7/8

3129 ✓

-223

7/11

3130

-224

7/13

3131

-225

7/22

3132

-226

7/6

3133 ✓
PP

-227

7/8

3134

-228

7/13

3135

-229

7/8

3136

B8336A1-BK-230

3137

7/18

22176-200

3138

-231

7/8

3139

-232

7/12

3140

-233

7/8

3141

-234

7/7

3142

-235

7/8

3143

-236

7/14

3144

-237

7/12

B8336A1-BK-238

7/6

3145

-239

7/7

3146

pp ✓

-240

7/7

3147

-241

7/8

3148

-242

7/12

3149

LEAH

35

7/16

3150

bk 8/22

-243

7/8

3151

-244

7/7

3152

3153

B8336A1-BK-245

7/8

22176-200

✓ PP

3154

-246

7/13

3155

-247

7/6

3156

-248

7/6

3157

-249

7/7

3158

-250

7/7

3159

-251

7/9

✓ PP

3160

-252

7/8

B8336A1-Bk-253

7/13

3161

-254

7/7

3162

-255

7/8

3163

-256

7/8

3164

-257

7/13

3165

-258

7/13

3166

PP ✓

-259

7/10

3167

-260

7/7

3168

PP ✓

3169

B8336A1-Bk-261

7/8

22176-200

3170

-262

7/11

3171

-263

7/7

3172

-264

7/12

3173

-265

7/7

3174

-266

7/10

3175

L-201

7/8

3278

bK 8/22

3176

B8336A1-Bk₂

7/6

22176-200

bK

↓

B8336A1-BK2

7/6

3177

7/7

3178

7/7

3179

7/7

3180

7/8

3181

7/7

3182

7/7

3183

7/8

3184

3185

B8336A1-Bk₂

7/7

22176-200

bks
↓

3186

7/7

3187

7/6

3188

7/7

3189

7/6

3190

7/7

3191

7/7

3192

7/6

B8336A1-Bk2

22176-200

7/6

3193

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3194

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3196

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3197

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3198

7/7

3199

7/7

3200

Seeded 4/17

3201

B8335A1-Bk - 1

7/9

21876-900

8303181/CB801

3202

-2

7/9

✓
PP

3203

-3

7/8

✓
PP

UHM

3204

-4

7/6

3205

-5

7/8

3206

-6

7/10

✓
PP

UHM

3207

-7

7/8

3208

-8

7/9

B8335A1-BK-9

7/8

3209

pp ✓

-10

7/8

3210

-11

7/14

3211

-12

7/9

3212

-13

7/10

3213

pp ✓

UHM

-14

7/6

3214

-15

7/10

3215

-16

7/9

3216

B8335A1-BK-17

3217

7/15

21876-900

3218

-18

7/8

✓ PP

3219

-19

7/10

3220

-20

7/8

✓ PP

3221

-21

7/8

3222

-22

7/12

✓ PP

3223

-23

7/8

3224

-24

7/5

3450	CB 801	7/22	3225
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br 8/22

	B8335 A1-Bk-25	7/12	3226
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	-26	7/12	3227
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	-27	7/8	3228
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	-28	7/5	3229
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	-29	7/9	3230
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	-30	7/11	3231
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	-31	7/14	3232
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3233

B8335A1-BK-32

7/6

21876-900

3234

-33

7/10

3235

-34

7/8

3236

-35

7/9

3237

-36

7/8

3238

-37

7/11

3239

-38

7/8

3240

-39

7/9

B8335A1-BK-40

7/10

3241

-41

7/18

3242

-42

7/19

3243

-43

7/13

3244

PP ✓

-44

7/12

3245

-45

7/13

3246

PP ✓

UHM

-46

7/10

3247

-47

7/11

3248

PP ✓

UHM

3249

B8335A1-BK-48

7/6

21876-900

3250

RU8303181

7/14

84/HR

bK 8/22

3251

B8335A1-BK-49

7/8

3252

-50

7/12

3253

-51

7/6

3254

-52

7/10

3255

-53

7/8

3256

-54

7/8

B8335A1-Bk-55

7/9

3257

-56

7/6

3258

-57

7/16

3259

-58

7/7

3260

-59

7/8

3261

-60

7/8

3262

-61

7/11

3263

-62

7/14

3264

B8335A1-Bk-63

3265

7/8

21876-900

3266

-64

7/10

3267

-65

7/8

3268

-66

7/8

3269

-67

7/7

3270

-68

7/7

3271

-69

7/11

3272

-70

7/12

B8335A1-Bk-T1

7/8

3273

PP ✓

-72

7/8

3274

RXMT

HR

7/16

3275

bx 8/22

B8335A1-Bk-T3

7/12

3276

PP ✓

-74

7/10

3277

-75

7/8

3278

-76

7/9

3279

-77

7/7

3280

B8335A1-BK-18

3281

7/16

21876-900

-79

3282

7/8

-80

3283

7/17

-81

3284

7/14

-82

3285

7/10

-83

3286

7/16

-84

3287

7/8

-85

3288

7/8

B8335A1-Bk-86

7/7

3289

-87

7/6

3290

pp ✓

-88

7/21

3291

-89

7/8

3292

pp ✓

-90

7/8

3293

-91

7/8

3294

pp ✓

-92

7/9

3295

-93

7/6

3296

B8335A1-Bk-94

3297

7/7

21876-900

-95

3298

7/8

-96

3299

7/8

-97

3300

7/8

-98

3301

7/27

-99

3302

7/8

-100

3303

7/8

-101

3304

7/8

B8335A1- Bk- 102

7/5

3305

-103

7/7

3306

PP ✓

-104

7/8

3307

PP ✓

-105

7/10

3308

-106

7/14

3309

-107

7/7

3310

-108

7/13

3311

-109

7/11

3312

PP

B8335A1-BK-110

3313

7/13

21876-900

3314

-111

7/7

3315

-112

7/10

3316

-113

7/5

3317

-114

7/8

3318

-115

7/20

3319

-116

7/7

3320

-117

7/9

Udd

B8335A1-BK-118

7/13

3321

-119

7/8

3322

-120

7/7

3323

PP ✓

UHM

-121

7/5

3324

NWRX

158

7/11

3325

b/c 8/22

-122

7/8

3326

-123

7/7

3327

-124

7/7

3328

B8335A1-BK-125

3329

7/11

21876-900

✓ PP

U449

3330

-126

7/8

3331

-127

7/10

3332

-128

7/7

3333

-129

7/7

3334

-130

7/9

3335

-131

7/8

3336

-132

7/6

B8335A1-BK-133

7/9

3337

-134

7/9

3338

-135

7/16

3339

-136

7/10

3340

U4d

-137

7/9

3341

✓
PP

-138

7/6

3342

-139

7/8

3343

-140

7/6

3344

PP

3345

B8335A1-Bk-141

7/8

21876-900

3346

-142

7/9

3347

-143

7/9

3348

-144

7/10

3349

-145

7/8

3350

LMNT

7/17

HR

3351

-146

7/5

3352

-147

7/6

B8335A1-BK-148

7/5

3353

-149

7/6

3354

-150

7/4

3355

-151

7/10

3356

PP ✓

-152

7/12

3357

PP ✓

-153

7/7

3358

PP ✓

-154

7/7

3359

-155

7/8

3360

3361

B8335 A1-Bk-156

7/13

21876-900

3362

-157

7/9

3363

-158

7/8

3364

-159

7/8

3365

-160

7/8

3366

-161

7/15

✓ PP

3367

-162

7/7

3368

-163

7/13

✓ PP

B8335A1-BK-164

7/8

3369

UHM

✓

-165

7/9

3370

-166

7/9

3371

-167

7/8

3372

-168

7/8

3373

-169

7/7

3374

L-202

119

7/8

3375

bx 8122

-170

7/8

3376

B8335A1-Bk-171

3377

7/8

21876-900

3378

-172

7/11

✓ PP

3379

-173

7/8

3380

-174

7/11

✓ PP

3381

-175

7/8

3382

-176

7/8

✓ PP

3383

-177

7/8

3384

-178

7/7

B8335A1-BK-179

7/5

3385

-180

7/8

3386

-181

7/21

3387

-182

7/6

3388

-183

7/8

3389

-184

7/9

3390

PP ✓

-185

7/14

3391

PP ✓

-186

7/5

3392

B8335A1-BK-187

3393

7/21

21876-900

3394

-188

7/18

3395

-189

7/12

3396

-190

7/11

3397

-191

7/8

3398

-192

7/9

3399

-193

7/8

3400

-194

7/5

B8335A1-BK-195

7/9

3401

-196

7/6

3402

-197

7/6

3403

PP ✓

-198

7/8

3404

PP ✓

-199

7/8

3405

-200

7/8

3406

-201

7/9

3407

PP ✓

-202

7/8

3408

B8335A1-BK-203

3409

7/7

21876-900

3410

-204

7/11

✓
PP

3411

-205

7/6

3412

-206

7/6

3413

-207

7/7

✓
PP

3414

-208

7/7

3415

-209

7/8

✓
PP

3416

-210

7/8

✓
PP

B8335A1-BK-211

7/13

3417

-212

7/8

3418

-213

7/8

3419

-214

7/7

3420

PP ✓

-215

7/9

3421

-216

7/8

3422

-217

7/8

3423

PP ✓

-218

7/9

3424

3425 GFMT 7/12 HR

bk 8/22

3426 B8335A1-Bk-219 7/8 21876-900

3427 -220 7/8
✓ PP

3428 -221 7/6

3429 -222 7/9

3430 -223 7/14

3431 -224 7/7
✓ PP

3432 -225 7/26

B8335A1-BK-226

7/14

3433

PP ✓

-227

7/11

3434

-228

7/10

3435

PP ✓

-229

7/14

3436

-230

7/12

3437

PP ✓

-231

7/21

3438

-232

7/21

3439

-233

7/8

3440

3441

B8335 A1-BK-234

7/14

21876-900

3442

-235

7/19

3443

-236

7/5

3444

-237

7/8

3445

-238

7/8

3446

-239

7/10

3447

-240

7/5

3448

-241

7/7

B8335A1-Bk-242

7/8

3449

-243

7/5

3450

-244

7/8

3451

-245

7/6

3452

-246

7/9

3453

-247

7/8

3454

-248

7/8

3455

-249

7/8

3456

B8335A1-BK-250

3457

718

21876-900

3458

-251

3459

-252

3460

-253

3461

NWBT

717

bk 8/22

3462

B8335A1-Bk₂

21876-900

bk

3

3463

3464

B8335A1-Bk₂

7/7

3465

7/6

3466

7/7

3467

7/6

3468

7/8

3469

7/6

3470

7/8

3471

7/7

3472

3473

B8335A1-BK2

7/8

21876-900

3474

7/6

3475

7/7

3476

7/6

3477

7/6

3478

7/5

3479

7/7

3480

7/6

3152

Glot. LBNT

7/17

3481

bk 8/22

22000-24

B8335A2-BK-

7/8

3482

8303181/CB801

7/11

3483

7/8

3484

7/8

3485

7/14

3486

7/11

3487

7/10

3488

3489

B8335A2-Bk-

7/10

3490

7/10

3491

7/8

3492

7/14

3493

7/9

3494

7/12

3495

7/9

3496

7/8

B8335A2-Bk-

7/9

3497

7/16

3498

7/14

3499

7/8

3500

B8129A = LMNT / MTCA

B8329A = LMNT / CB801

B8336A = LBLE-X2-2 / CB801

B8335A = 8303181 / CB801

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

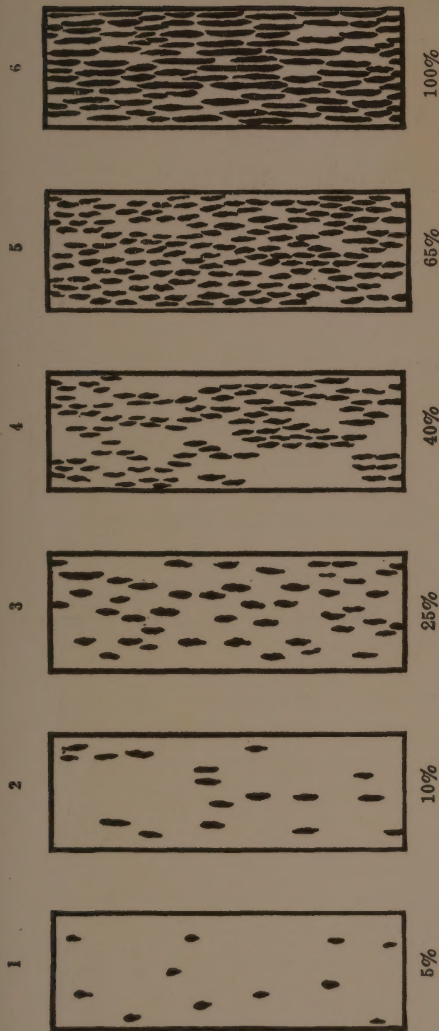


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

B8335A2-BK-1

3501

7/8

22000-24

8303181/CB801

-2

3502

7/8

-3

3503

7/7

-4

3504

7/11

-5

3505

7/13

-6

3506

7/8

-7

3507

7/8

-8

3508

7/11

0447

B8335A2-Bk-9

7/7

3509

-10

7/8

3510

-11

7/8

3511

-12

7/8

3512

-13

7/8

3513

-14

7/8

3514

-15

7/9

3515

PP ✓

-16

7/8

3516

PP ✓

B8335A2-Bk-17

3517

7/8

22000-24

3518

-18

7/10

✓ PP

3519

-19

7/10

✓ PP

3520

-20

7/8

3521

-21

7/11

3522

-22

7/9

✓ PP

UHM
DS

3523

-23

7/12

✓ PP

3524

-24

7/9

13	TBNT	7/9	3525	bK 8/22
	B8335A2- Bk-25	7/9	3526	
	-26	7/8	3527	
	-27	7/8	3528	PP ✓
	-28	7/16	3529	PP ✓
	-29	7/9	3530	PP ✓
		UHM		
	-30	7/10	3531	
	-31	7/17	3532	

B8335A2-Bk-32

3533

7/8

22000-24

3534

-33

7/7

3535

-34

7/6

3536

-35

7/8

✓ PP
3537

-36

7/7

✓ PP
3538

-37

7/8

3539

-38

7/9

3540

-39

7/7

B8335A2-Bk-40

7/8

3541

PP ✓

-41

7/14

3542

-42

7/12

3543

-43

7/7

3544

PP ✓

-44

7/8

3545

PP ✓

-45

7/7

3546

-46

7/8

3547

-47

7/8

3548

3549

-48

7/8

22000-24

3550

LBLE

7/7

16

bK 8/22

3551

B8335A2-BK-49

7/8

✓ PP

3552

-50

7/11

3553

-51

7/11

✓ PP

3554

-52

7/6

3555

-53

7/9

3556

-54

7/11

✓ PP

B8335A2-Bk-55

7/6

3557

-56

7/11

3558

pp ✓

-57

7/8

3559

-58

7/8

3560

-59

7/8

3561

-60

7/12

3562

pp ✓

-61

7/8

3563

-62

7/19

3564

B8335A2-BK-63

3565

7/8

22000-24

3566

-64

7/9

3567

-65

7/8

3568

-66

7/10

3569

-67

7/20

3570

-68

7/8

3571

-69

7/8

3572

-70

7/11

B8335A2-Bk-T1

7/8

3573

-72

7/8

3574

LBNT

36

7/17

3575

bk 8/22

-73

7/9

3576

-74

7/10

3577

-75

7/31

3578

-76

7/12

3579

-77

7/7

3580

B8335A2-BK-18

3581

7/11

22000-24

3582

-79

7/7

3583

-80

7/11

3584

-81

7/8

3585

-82

7/8

3586

-83

7/11

3587

-84

7/14

✓ PP
3588

-85

7/11

B8335A2-Bx-86

7/8

3589

-87

7/9

3590

PP ✓

-88

7/12

3591

PP ✓

-89

7/11

3592

-90

7/8

3593

-91

7/9

3594

-92

7/10

3595

-93

7/8

3596

PP ✓

3597

B8335A2-BK-94

7/19

22000-24

3598

-95

7/19

3599

-96

7/18

3600

-97

7/19

3601

-98

7/19

3602

-99

7/10

✓ PP

3603

-100

7/16

3604

-101

7/19

B8335A2-BK-102

7/8

3605

-103

7/9

3606

-104

7/11

3607

-105

7/13

3608

-106

7/14

3609

-107

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3610

PP ✓

-108

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3611

-109

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3612

B8335A2-BK-110

3613

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22000-24

3614

-111

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3615

-112

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3616

-113

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3617

-114

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3618

-115

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3619

-116

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3620

-117

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B8335A2-BK-118

7/12

3621

PP ✓

-119

7/7

3622

PP ✓

-120

7/8

3623

PP ✓

-121

7/9

3624

PP ✓

8003050

18952

7/16

3625

OK 8/22

-122

7/8

3626

-123

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3627

-124

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3628

B8335A2-BK-125

3629

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22000-24

3630

-126

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3631

-127

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3632

-128

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3633

-129

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3634

-130

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3635

-131

7/13

✓
PP
3636

-132

7/11

B8335A2-BK-133

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P5-82.12

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3637

-134

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3638

-135

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3639

-136

7/14

3640

-137

7/9

3641

-138

7/17

3642

-139

7/13

3643

pp ✓

-140

7/15

3644

pp ✓

B8335A2-BK-141

3645

7/13

22000-24

✓ PP

-142

3646

7/20

-143

3647

7/6

-144

3648

7/9

✓ PP

-145

3649

7/11

BLMT

3650

7/12

56

bk 8/22

-146

3651

7/7

-147

3652

7/9

✓ PP

B8335A2-BK-148

7/7

3653

-149

7/9

3654

PP ✓

-150

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3655

-151

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3656

-152

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3657

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3658

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3659

-155

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3660

PP

B8335A2-BK-156

3661

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22000-24

3662

-157

7/9

✓
PP

Lgt, small

UHM

3663

-158

7/13

✓
PP

3664

-159

7/19

3665

-160

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3666

-161

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3667

-162

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✓
PP

3668

-163

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B8335A2-BK-164

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3670

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3671

-167

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3672

-168

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3673

-169

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3674

CB801

3450

7/23

3675

bk 8/22

-170

7/11

3676

PP ✓

B8335A2-Bc-171

3677

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22000-24

3678

-172

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3679

-173

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PP

3680

-174

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3681

-175

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3682

-176

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3683

-177

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3684

-178

7/8

✓ PP

B8335A2-Bk-179

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3685

-180

7/20

3686

-181

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3687

-182

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3688

-183

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3689

-184

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3690

-185

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3691

-186

7/10

3692

B8335A2-BK-187

3693

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22000-24

3694

-188

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3695

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3696

-190

7/11

3697

-191

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3698

-192

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3699

-193

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3700

-194

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22000-24	88335A2-BK-195	7/9	3701
	-196	7/10	3702
	-197	7/9	3703
	-198	7/10	3704
	-199	7/9	3705
	-200	7/9	3706
	-201	7/8	3707
	-202	7/11	3708

B8335A2-BK-203

3709

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22000-24

3710

-204

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3712

-206

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3713

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3714

-208

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3715

-209

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3716

-210

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B8335A2-Bk-211

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3717

-212

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3718

-213

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3719

-214

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3720

-215

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3721

-216

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3722

✓
PP

-217

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3723

-218

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3724

3725

TR02

7/17

bis 8/22

3726

B8335A2-BK-219

7/19

22000-24

✓ PP

3727

-220

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3728

-221

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3729

-222

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-223

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3731

-224

7/10

✓ PP

3732

-225

7/19

B8335A2-BK-226

7/6

3733

-227

7/8

3734

-228

7/9

3735

pp✓

-229

7/14

3736

-230

7/11

3737

pp✓

-231

7/9

3738

-232

7/13

3739

pp✓

-233

7/14

3740

B8335A2-BK-234

3741

7114

22000-24

3742

-235

7113

3743

-236

7117

3744

-237

7110

3745

-238

7118

3746

-239

7119

3747

-240

7114

3748

-241

7119

B8335A2-Bk-242

7/15

3749

PP ✓

-243

7/11

3750

PP ✓

-244

7/11

3751

-245

7/16

3752

-246

7/9

3753

-247

7/11

3754

PP ✓

-248

7/11

3755

-249

7/9

3756

3757

B8335A2-Bk-250

7/14

22000-24

3758

-251

7/12

3759

-252

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3760

BLPT

7/8

6773

bk 8/22

3761

B8335A2-Bk₂

7/6

22000-24

bk
↓

3762

7/6

3763

7/8

3764

7/6

B8335A2-Bk2

717

3765

719

3766

715

3767

718

3768

718

3769

717

3770

718

3771

717

3772

B8335A2-Bk₂

3773

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3774

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3775

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3776

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3777

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3778

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3779

7/8

3780

7/8

Mutica

24541

7/7

3781

bk 8/22

B8258A1-BK

7/16

3782

84/21055-60

bk

MTCA/BLMT * F, // LMNT

↓

7/15

3783

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3784

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3785

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3786

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3787

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3788

B8258A1-BK

3789

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3790

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3791

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3792

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7/13

3796

7/17

Note: essentially all B8345A1 selection have
eggs that are too small!! Otherwise
excellent material!

18

Seeded 4/17

B8258A1-Bk

7/13

3797

7/14

3798

7/13

3799

7/17

3800

B8345A1-Bk-1

2476-500

8303116/CB801

7/13

3801

-2

7/16

3802

-3

7/20

3803

-4

7/17

3804

✓
3805

PP

B8345A1-BK-5

7/8

22476-500

✓
3806

PP

-6

7/13

3807

-7

7/8

3808

-8

7/7

3809

-9

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3810

-10

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3811

-11

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3812

-12

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B8345A1-BK-13

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3813

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3814

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3816

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3818

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3819

-20

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3820

B8345A1-BK-21

3821

7/8

22476-500

PP

-22

3822

7/7

-23

3823

7/7

-24

3824

7/5

STBN

-25

3825

7/5

76

Not 5

-26

3826

7/8

3827

Possibly STBN

7/20

-28

3828

7/7

B8345A1-BK-29

7/7

3829

-30

7/11

3830

-31

7/6

3831

pp ✓

-32

7/6

3832

-33

7/8

3833

pp ✓

-34

7/7

3834

-35

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3835

-36

7/6

3836

B8345A1-Bk-37

3837

7/7

22476-500

3838

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7/10

3839

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3841

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B8345A1-BK-45

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3848

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3849

CB 801

7/20

3850

bix 8/22

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3851

-51

7/20

3852

B8345A1-Bk-32

3853

7/5

22476-500

3854

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3856

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3857

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3858

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7/14

3859

-58

7/14

3860

-59

7/11

B8345 A1-Bk-60

7/11

3861

pp ✓

-61

7/9

3862

pp ✓

-62

7/11

3863

-63

7/7

3864

-64

7/8

3865

UHM

pp ✓

-65

7/8

3866

-66

7/6

3867

-67

7/8

3868

B8345A1-BK-68

3869

7/8

22476-500

✓ PP

3870

-69

7/7

3871

-70

7/19

3872

-71

7/18

✓ PP

3873

-72

7/7

✓ PP

3874

-73

7/5

✓ PP

RV8303116

3875

7/8

13973

bk 8/22

3876

-74

7/8

B8345A1-Bk-75

7/8

3877

PP ✓

-76

7/6

3878

PP

-77

7/7

3879

-78

7/9

3880

✓

-79

7/9

3881

-80

7/8

3882

-81

7/7

3883

-82

7/7

3884

B8345A1-Bk-83

3885

7/14

22476-500

3886

-84

7/7

3887

-85

7/7

✓
pp

3888

-86

7/8

3889

-87

7/9

3890

-88

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3891

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3892

-90

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B8345A1-Bk-91

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3896

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3897

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3898

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3899

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7/9

3900

B8345A1-BK-99

3901

7/11

22476-500

✓ PP

-100

3902

7/8

-101

3903

7/8

-102

3904

7/18

✓ PP

-103

3905

7/8

-104

3906

7/8

-105

3907

7/7

✓ PP

-106

3908

7/10

B8345A1-BK-107

7/7

3909

PP ✓

-108

7/10

3910

PP ✓

-109

7/8

3911

-110

7/7

3912

-111

7/7

3913

PP ✓

-112

7/8

3914

PP ✓

-113

7/8

3915

PP ✓

-114

7/23

3916

3917

B8345A1-BK-115

7/13

22476-500

3918

-116

7/8

✓
PP

3919

-117

7/20

3920

-118

7/6

✓
PP

3921

-119

7/6

3922

-120

7/8

3923

-121

7/7

✓
PP

3924

-122

7/10

✓
PP

LMNT

HR

7/20

3925

bk 8/22

B8345A1-Bk-123

7/17

3926

PP

-124

7/18

3927

PP

-125

7/16

3928

-126

7/19

3929

-127

7/18

3930

-128

7/18

3931

-129

7/18

3932

B8345A1-Bk-130

3933

7/5

22476-500

3934

-131

7/5

3935

-132

7/8

3936

-133

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3937

-134

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3938

-135

7/11

3939

-136

7/6

3940

-137

7/8

B8345A1-Bk-138

7/5

3941

PP ✓

-139

7/7

3942

-140

7/5

3943

-141

7/6

3944

PP ✓

-142

7/5

3945

PP ✓

-143

7/6

3946

-144

7/6

3947

PP ✓

-145

7/8

3948

B8345A1-BK-146

3949

7/6

22476-500

✓ PP

LBLE

3950

7/9

16

bx 8/22

-147

3951

7/15

-148

3952

7/8

✓ PP

-149

3953

7/7

-150

3954

7/8

✓ PP

-151

3955

7/7

✓ PP

-152

3956

7/15

B8345A1-Bk-153

7/8

3957

PP ✓

-154

7/7

3958

-155

7/5

3959

PP ✓

-156

7/8

3960

PP ✓

-157

7/9

3961

-158

7/8

3962

-159

7/8

3963

-160

7/7

3964

B8345A1-BK-161

3965

7/8

22476-500

3966

-162

7/9

3967

-163

7/9

✓
3968
PP

-164

7/15

✓
3969
PP

-165

7/17

✓
3970
PP

-166

7/18

✓
3971
PP

-167

7/9

3972

-168

7/14

B8345A1-Bx-169

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3973

-170

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3974

GFMT

HR

7/14

3975

b/c 8/22

-171

7/7

3976

ff ✓

-172

7/6

3977

-173

7/9

3978

ff ✓

-174

7/17

3979

-175

7/19

3980

B8345A1-Bk-176

3981

7/8

22476-500

✓
PP

-177

3982

7/7

✓
PP

-178

3983

7/7

3984

-179

7/6

3985

-180

7/14

✓
PP

3986

-181

7/13

3987

-182

7/9

3988

-183

7/7

B8345A1-BK-184

7/6

3989

PP ✓

-185

7/7

3990

PP ✓

-186

7/6

3991

-187

7/8

3992

PP ✓

-188

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3993

-189

7/7

3994

-190

7/7

3995

PP ✓

-191

7/5

3996

3997

B8345A1-BK-192

7/5

22476-500

3998

-193

7/11

3999

-194

7/6

✓ 4000
PP

-195

7/17

✓ 4001
PP

-196

7/8

4002

-197

7/8

✓ 4003
PP

-198

7/11

✓ 4004
PP

-199

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B8345A1-Bk-200

7/8

4005

-201

7/8

4006

IP ✓

-202

7/9

4007

-203

7/8

4008

-204

7/17

4009

-205

7/17

4010

IP ✓

-206

7/8

4011

-207

7/17

4012

B8345A1-Bk-208

4013

7/5

22476-500

4014

-209

7/8

✓ PP

4015

-210

7/6

✓ PP

4016

-211

7/7

4017

-212

7/6

4018

-213

7/5

4019

-214

7/6

4020

-215

7/6

B8345A1-BK-216

7/8

4021

-217

7/8

4022

PP ✓

-218

7/9

4023

PP ✓

-219

7/5

4024

NWBT

54

7/18

4025

bx 8/22

-220

7/7

4026

-221

7/5

4027

-222

7/7

4028

PP ✓

B8345A1-BK-223

4029

7/8

22476-500

✓
PP

-224

4030

7/8

-225

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7/6

-226

4032

7/8

-227

4033

7/9

-228

4034

7/8

✓
PP

-229

4035

7/7

✓
PP

-230

4036

7/11

B8345A1-Bk-231

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4037

-232

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4038

pp ✓

-233

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4039

-234

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4040

-235

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4041

-236

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4042

-237

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4043

-238

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4044

B8345A1-BK-239

4045

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22476-500

✓ PP

4046

-240

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4047

-241

7/5

4048

-242

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4049

-243

7/8

4050

-244

7/9

4051

-245

7/6

✓ PP

4052

-246

7/8

B8345M-Bk-247

7/7

4053

-248

7/8

4054

-249

7/6

4055

✓
PP

-250

7/8

4056

-251

7/8

4057

-252

7/9

4058

✓
PP

-253

7/8

4059

-254

7/8

4060

✓
PP

B8345A1-Bk-255

4061

7/9

22476-500

4062

-256

7/14

4063

-257

7/17

4064

-258

7/14

4065

-259

7/16

4066

-260

7/18

4067

-261

7/18

4068

-262

7/15

B8345A1-Bk-263

7/8

4069

BBLE

3173

7/15

4070

bk 8/22

B8345A1-Bk₂

22476-500

7/7

4071

bk

↓

7/8

4072

7/7

4073

7/6

4074

7/7

4075

7/6

4076

B8345A1-Bk₂

4077

7/7

22476-500

bks
↓

4078

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4080

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4081

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4083

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4084

7/6

B8345A1-Bk₂

22476-500

bx

↓

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4085

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4086

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4087

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4088

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4089

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4090

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4091

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4092

B8345A1 - Bk₂

4093

7/8

22476-500

bk

↓

4094

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4095

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4096

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4097

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4098

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4099

7/8

4100

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22816-35	B8348A1-Bk-1	7/15	4101
	LMNT/8302022		
	-2	7/20	4102
	-3	7/9	4103
	-4	7/11	4104
	-5	7/11	4105
	-6	7/13	4106
	-7	7/9	4107
	-8	7/10	4108

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4109

7/12

22816-35

4110

-10

7/11

4111

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4112

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4113

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7/11

4114

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4115

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4116

-16

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B8348A1-Bk-17

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4117

-18

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4118

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4119

-20

7/11

4120

-21

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4121

-22

7/18

4122

-23

7/12

4123

-24

7/11

4124

4125

RU8302022

7/20

83/22

bic 8/22

4126

B8348A1-Bk-25

7/11

22816-35

4127

-26

7/9

4128

-27

7/12

4129

-28

7/11

4130

-29

7/11

4131

-30

7/9

4132

-31

7/7

B8348A1-BK-32

7/9

4133

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7/13

4134

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7/10

4135

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4136

-36

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4137

-37

7/8

4138

-38

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4139

-39

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4140

B8348A1-BK-40

4141

7/9

22816-35

4142

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B8348A1-Bk-48

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4149

GFMT

HR

7/12

4150

b/c 8/22

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4152

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B8348A1-BK-55

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B8348A1-BK-63

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B8348A1-BK-71

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4175

RXMT

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HR

br 8/22

4176

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4177

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4179

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4180

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B8348A1-Bk-18

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B8348A1-BK-86

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22816-35

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4200

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4201

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4202

-100

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4203

-101

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4204

B8348A1-Bk-102

4205

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22816-35

4206

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4207

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4208

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4209

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B8348A1-BK-110

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4213

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4219

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4220

B8348A1-Bk-118

4221

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22816-35

4222

-119

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4223

-120

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4224

-121

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4225

LEAH

7/16

35

br 8/22

4226

-122

7/11

4227

-123

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4228

-124

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B8348A1-BK-125

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4229

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4230

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4231

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4232

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B8348A1-BK-133

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22816-35

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B8348A1-Bk-141

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4246

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4249

IR-36

9199

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4250

bk 8/22

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4251

-147

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4252

B8348A1-Bk-148

4253

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4254

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4255

-150

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4256

-151

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4257

-152

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4259

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4260

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B8348A1-Bk-156

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4264

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B8348A1-BK-164

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-167

4272

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-168

4273

7/11

-169

4274

7/15

R08303181

4275

7/15

HR

bk 8122

B8348A1-BK₂

4276

7/11

22816-35

bk

B8348A1-Bk2

7/12

4277

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4278

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4280

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B8348A1-Bk₂

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22816-35

bk
↓

4286

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4292

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B8348A1-Bk₂

22816-35

bk

↓

7/9

4293

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4294

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4298

7/8

4299

7/8

4300

4301

I/14 16-1

(RU 8703012)

Tissue culture

F₁ Anther

LMNT/8303116

7/9

Shawn

4302

86/1201

7/9

4303

Same as

7/9

4304

8/4/86

7/9

4305

600 TP

8/13

7/9

bK

4306

7/9

4307

7/9

4308

7/9

I/14 16-1

7/9

4309

7/9

4310

7/9

4311

8/4/86

7/9

4312

600 PP

6K 8/13

7/9

4313

7/9

4314

7/9

4315

7/9

4316

4317

I/14 16-1

7/9

4318

600 pp 8/4/86

7/9

4319

7/9

4320

7/9

4321

I/14 42-2

(RU8703052)

F₁ author

LMWT/8303116

7/10

4322

Same as 86/1902

7/11

4323

7/11

4324

7/11

I/14 42-1

7/11

4325

7/11

4326

7/12

4327

7/11

4328

7/11

4329

7/13

4330

7/12

4331

7/11

4332

b/c 5/13

4333

I/14 42-2

7/11

4334

7/11

4335

7/11

4336

6K 5/13

7/11

4337

7/12

4338

7/12

4339

7/12

4340

7/12

II/12 5
(RU8703032)
F, Antker
LMNT/8303116

Same as
86/1903

OK
8/13

7/12

4341

7/12

4342

7/12

4343

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4344

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4345

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4347

7/12

4348

4349

II/12 5

7/11 /

4350

7/12

4351

7/12

4352

7/12

4353

7/12

4354

7/12

4355

7/12

4356

7/12

II/12 5

7/12

4357

7/12

4358

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4359

7/12

4360

II/22 12

(RU 870 3089)

F₁ another

LMNT/8303116

7/13

4361

7/13

4362

7/13

4363

7/13

4364

Same as 86/1904

4365 II/22 12

7/13

4366

7/13

4367

8/13

7/13

4368

7/13

4369

7/11

4370

7/12

4371

II/22 13

(RU8103086)

F₁ auther

LMNT/8303116

7/11

4372

86/1905

7/10

Same as

II/22 13

7/11

4373

7/11

4374

7/11

4375

7/10

4376

7/10

4377

7/11

4378

7/12

4379

7/11

4380

bk 5/13

4381

II/22 14
(RU8703110)
F₁ outlier
LMNT/8303116

7/11

4382

Same as 86/1406

7/11

4383

7/11

4384

8/17

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4387

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4388

7/10

II/22 14

7/9

4389

7/10

4390

IV/20 1
(RV8703083)

7/8

4391

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4396

Seeded 4/30/86

4397 IV/20 1

7/10

4398

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4399 LMNT

7/21

HR

Hv. 9/3

4400 RU8303116

7/10

13973

Hv. 8/13

4401 L-202

7/20

6921

4402

7/20

4403

7/19

4404

7/19

L-202

6921

7/19

4405

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4406

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4407

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4408

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4409

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4410

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4411

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4412

L-202

4413

7/19

6921

4414

7/18

4415

7/19

4416

6/4

8/2

7/18

4417

7/18

4418

7/18

4419

7/18

4420

7/18

6921

L-202

7/18

4421

bx 8/21

7/18

4422

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4423

7/18

4424

7/19

4425

6842

RU8403006

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RU8403006

4429

7/19

6842

4430

7/19

4431

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4432

8/26

7/19

bK

4433

7/20

4434

7/20

4435

7/20

4436

7/20

RU8403006

6842

7/19

4437

7/19

4438

7/18

4439

7/19

4440

5/26

6K

7/19

4441

7/19

4442

7/19

4443

7/19

4444

RU8403006

4445

7/19

6842

4446

7/18

4447

b/c 8/26

7/18

4448

7/19

4449

7/18

4450

7/18

4451

R XMT

7/20

4452

7/20

RXMT

7/20

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4453

7/20

4454

7/20

4455

7/20

4456

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4457

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4458

7/20

4459

7/20

4460

RxMT

4461

7/20

↓

4462

7/20

4463

7/20

4464

7/20

4465

7/20

4466

7/20

4467

7/20

4468

7/20

RXMT

7/20

↓

4469

7/20

4470

7/20

4471

8/26

7/20

4472

7/20

4473

7/20

4474

7/20

4475

LMNT

7/23

4476

LMNT

4477

7/23

↓

4478

7/23

4479

7/23

4480

8/26

7/23

6K

4481

7/23

4482

7/23

4483

7/23

4484

7/23

LMNT

7/23

↓

4485

7/23

4486

7/23

4487

7/23

4488

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4489

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4490

7/23

4491

7/23

4492

LMNT

4493

7/23



4494

7/23

4495

7/23

4496

8/26

bK

7/23

4497

7/23

4498

7/23

4499

7/23

4500

7/23

6881

CICA-6

8/1
↑
↓

4501

4502

4503

4504

4505

4506

4507

4508

9/3

OK

Some earlier
plant

CICA-6

4509

8/1

6881

↓

4510

4511

9/3

4512

bK

4513

4514

4515

4516

CICA-6

6881

8/1

4517

4518

4519

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4521

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4523

4524

4525

CICA-6

8/1

6881

4526

IR-24

8/4

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4528

4529

bK 9/12

4530

4531

4532

IR-24

8/4



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4535

4536

bk 9/12

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IR-24

4541

8/5 /
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4542

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6x 9/12

4545

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4548

IR-24

8/4

4549

8/4

4550

IR-28

7/17

4551

7241

7/17

4552

7/17

4553

6x 8/21

7/17

4554

7/17

4555

7/17

4556

IR-28

4557

7/17

7241

4558

7/17

4559

7/17

4560

6/21

7/17

4561

7/17

4562

7/17

4563

7/17

4564

7/17

IR-28

7241

7/17

4565

7/17

4566

7/17

4567

7/17

4568

7/17

4569

7/17

4570

7/17

4571

7/17

4572

4573

IR-28

7/17

7241

4574

7/17

4575

7/17

4576

IR-36

7/28

6981-1000

4577

4578

4579

4580

Some early tall towers

IR-36

6981-7000

7/28

4581

4582

4583

4584

4585

4586

4587

4588

Some tall only require
6x 9/3

IR-36

4589

7/28

6181-7000

4590

4591

4592

9/3

bk

4593

4594

4595

4596

IR-36

6981-7000

7/28



4597

4598

4599

4600

IR-42

9/19



4601

4602

4603

4604

IR-42

4605

9/19

4606

4607

4608

4609

4610

4611

4612

IR-42

9/19

4613

4614

4615

4616

4617

4618

4619

4620

IR-42

4621

9/19

↓

4622

4623

4624

4625

4626

IRGA-409

↑

8/3

↓

Cro.

4627

4628

IRGA-409

Cro.

8/3

↓

4629

4630

4631

4632

4633

4634

4635

4636

6x 8/12

4637

IRGA-409

8/3

↓

Cro

4638

4639

4640

9/12

b/c

4641

4642

4643

4644

C50

IRGA-409

8/3



4645

4646

4647

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4649

4650

RU8303101

T061

7/20

4651

7/19

4652

RV8303101

4653

7/19

7061

4654

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4655

7/20

8/21

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4657

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4658

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4659

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4660

7/19

RU8303101

T0611

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4661

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4662

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4663

bx 8/21

7/20

4664

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4665

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4666

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4667

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4668

RU8303101

4669

7/18

T061

4670

7/18

4671

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4672

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4673

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4674

7/18

4675

7/20

4676

STBN

7/28

T161

STBN

7161

7128

4677

4678

4679

4680

4681

4682

4683

4684

STBN

4685

7/28

7161

4686

4687

4688

4689

4690

4691

4692

STBN

7161

7128

4693

4694

4695

4696

4697

4698

4699

4700

NWRX

4701

7/20



4702

7/20

4703

7/20

4704

7/20

bx 8/26

4705

7/20

4706

7/20

4707

7/20

4708

7/20

NWRX

7/20

↓

4709

7/20

4710

7/20

4711

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4712

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4713

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4714

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4715

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4716

4717 NW RX

7/20



4718

7/20

4719

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4720

bk 8/26

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4722

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4723

7/20

4724

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NWRX

7/20

4725



TR02

T101-20

7/24



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4729

bx

8/26

4730

4731

4732

TR02

4733

7/24

T101-20

↓

4734

4735

4736

bK 8/26

4737

4738

4739

4740

TR02

7101-20

T124

↓

4741

4742

4743

4744

4745

4746

4747

4748

TR02

4749

7/24

7101-20

4750

7/24

Waxy LBNT

4751

7/21

7181-1200

4752

7/21

4753

7/21

4754

7/21

4755

7/21

4756

7/21

BF 8/26

Waxy LBNT

7181-7200

7/21

↓

4757

7/21

4758

7/21

4759

7/21

4760

7/21

4761

7/21

4762

7/21

4763

7/21

4764

4765

Waxy LBNT

7/21

↓

7181-7200

4766

7/21

4767

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4768

8/26

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4769

7/21

4770

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4771

7/21

4772

7/21

Waxy LBNT
7181-7200

7/21

4773

↓

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4774

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4775

LBNT

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4776

↓

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4777

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4778

7/21

4779

7/21

4780

LBNT

4781

7/21

↓

4782

7/21

4783

7/21

4784

8/26

7/21

6K

4785

7/21

4786

7/21

4787

7/21

4788

7/21

LONT

7/21

4789

7/21

4790

7/21

4791

8/26

6K

7/21

4792

7/21

4793

7/21

4794

7/21

4795

7/21

4796

4797 LBNT

7/21



4798

OK 8/26

7/21

4799

7/21

4800

7/21



4801 M-201

7/14

4802

7/14

4803

7/14

4804

7/14



M-201

7/14

4805

7/14

4806

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4807

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4808

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4809

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4810

7/14

4811

7/14

4812

bk 8/21

4813

M-201

7/14

4814

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4815

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4816

8/21
bK

7/14

4817

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4818

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4819

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4820

7/14

M-201

7/14

4821

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4822

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4823

7/14

4824

7/14

4825

CAMO-202

7/19

4826

7/19

4827

7/19

4828

1201-20

4829

CAMO-202

7/19

↓

7201-20

4830

7/19

4831

7/19

4832

6K 9/3

7/19

4833

7/19

4834

7/19

4835

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4836

7/19

CAMO-202

7201-20

505-09

7/19

↓

4837

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4838

7/19

4839

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4841

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4842

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4843

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4844

6K 9/3

CAMO-202

4845

1201-20

7/19



4846

7/19

4847

bx 9/8

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4848

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4849

7/19

4850

7/19

4851

LA 110

7/23



1261-80

4852

LA 110

7261-80

7/23

4853

4854

4855

4856

4857

4858

4859

4860

6F 9/3

4861

LA 110

7/23

1261-80

↓

4862

4863

9/3

4864

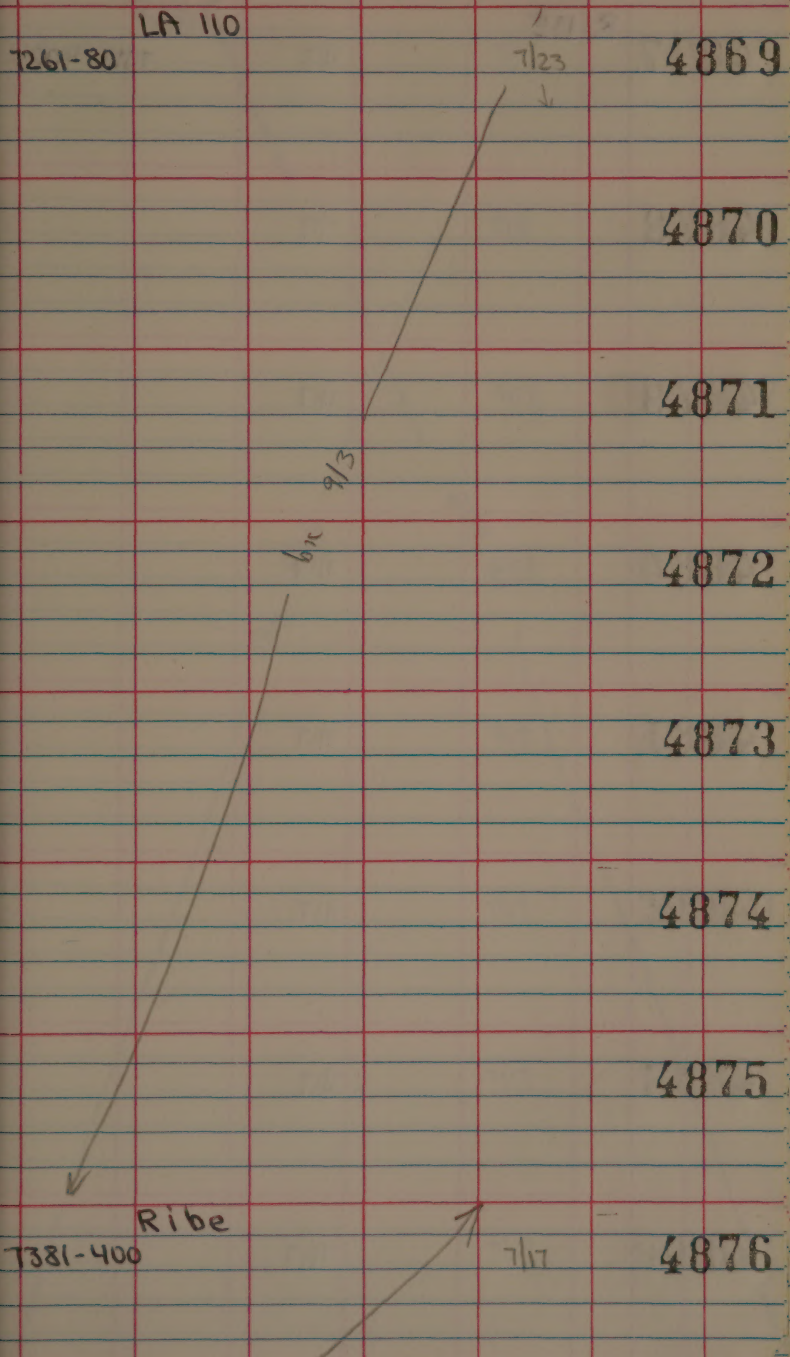
6K

4865

4866

4867

4868



4877 RIBE

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7381-400

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4880

6K 8/26

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4881

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4882

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4883

7/17

4884

7/17

RIBE

7381-400

7/17

4885

7/17

4886

7/17

4887

7/17

4888

7/17

4889

7/17

4890

7/17

4891

7/17

4892

4893

RIBE

7/17

7381-400

4894

7/17

4895

7/17

4896

bx 8/26

7/17

4897

7/17

4898

7/17

4899

7/17

4900

7/17

MARS

7341-60

7/21

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4901

7/21

4902

7/21

4903

7/21

4904

7/21

4905

7/21

4906

7/21

4907

7/21

4908

b7 8/29

MARS

4909

7/21

7341-60

↓

4910

7/21

4911

7/21

8/29

4912

6/7

7/21

4913

7/21

4914

7/21

4915

7/21

4916

7/21

MARS

1341-60

7/21

↓

4917

7/21

4918

7/21

4919

7/21

4920

7/21

4921

7/21

4922

7/21

4923

7/21

4924

4925

MARS

7/21

7341-60

4926

NATO

7/23

7361-80

4927

4928

4929

Severe
lodging
6/29

4930

4931

4932

NATO

T361-80

7/23
↓

4933

4934

4935

4936

4937

4938

4939

4940

bN 8/29

Dare
Adyng

NATO

4941

7/23

7361-80

4942

4943

4944

6K 8/29

4945

4946

4947

4948

NATO

7361-80

4949

4950

CI9545

7281-7300

4951

4952

4953

4954

4955

4956

bx 9/3

7/26
↓

CI 9545

4957

7/26

1281-1300

4958

4959

4960

6/11 9/3

4961

4962

4963

4964

CI 9545

7281-7300

7/26

4965

4966

4967

4968

4969

4970

4971

4972

9/3

6/4

CI 9545

7281-1300

PI 457917

Cro

84P3533

Basmati mutant

PI 10/7

Cro

PI 457918

84P 3534

Basmati mutant

4981

4982

4983

4984

4985

Cro.

PI 457919

84P 3535

Basmati mutant

4986

4987

4988

4989

4990

4991

PI 457920

Cro.

84P3536

Basmati mutant

4992

4993

4994

4995

4996

Basmati 370

24656

Rasmati 370

24656

4997

4998

4999

5000

$$B8335A = 8303181 / CB801$$

$$B8258A = MTCA / BLMT * F, // LMNT$$

$$B8345A = 8303116 / CB801$$

$$B8348A = LMNT / 8302022$$

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

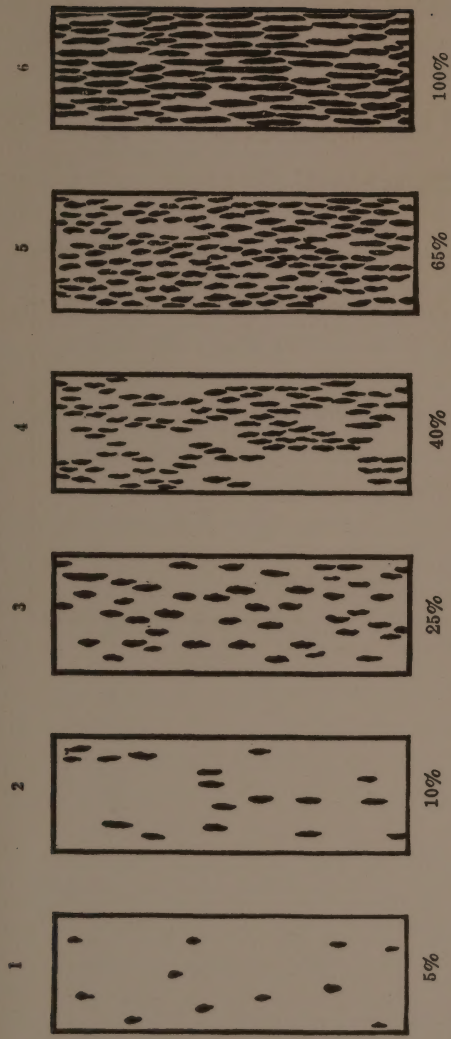


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Seeded 5/16/86

5001

B8131A4-BK-27-4-4-1

8/5

2672

$\pm$ 86/501

5002

-2

8/5

5003

-3

8/5

5004

-4

8/3

5005

-5

8/2

5006

B8131A4-BK-35-1-6-1

8/12

2681

86/505

5007

-2

8/21

"

5008

-3

8/12

"

-4

8/14

5009

"

-5

8/16

5010

2710

B8131A4-Bk-44-1-5-1

8/11

5011

"

-2

8/11

5012

"

-3

8/9

5013

"

-4

8/7

5014

"

-5

8/10

5015

2742

B8131A4-Bk-66-5-6-1

8/3

5016

86/512

5017		-2 8/7		"
5018		-3 8/5		"
5019		-4 8/6		"
5020		-5 8/3		"
5021	B8131A4-BK-68-3-7-1 ± 86/513	8/6		2748
5022		-2 8/6		"
5023		-3 8/6		"
5024		-4 8/6		"

"		-5	8/7	5025
35	LEAH		8/12	5026
2758	B8131A4-BK-74-3-6-1		8/6	5027
	± 86/514			
		-2	8/5	5028
		-3	8/5	5029
		-4	8/5	5030
		-5	8/5	5031
2763	B8131A4-BK-74-4-6-1		8/9	5032
	± 86/514			

5033

-2
8/9

5034

-3
8/10

5035

-4
8/9

5036

-5
8/11

5037

B8131A4-BK-75-5-6-1

8/7

2779

$\pm 86/516$

5038

-2
8/7

5039

-3
8/16

5040

-4
8/15

-5

8/8

5041

B8131A4-BK-80-5-8-1

2786

8/6

5042

-2

8/6

5043

-3

8/3

5044

-4

8/3

5045

-5

8/5

5046

B8131A4-BK-83-1-4-1

2787

8/12

5047

-2

8/8

5048

5049

-3
8/12

5050

-4
8/12

5051

-5
8/16

5052

RU8003050

8/12

18952

5053

B8131A4-BK-87-2-5-1

8/16

2793

5054

-2
8/15

5055

-3
8/20

5056

-4
8/18

-5

8/18

5057

88131A4-BK-88-3-5-1

2798

8/15

5058

86/517

-2

8/10

5059

-3

8/13

5060

-4

8/9

5061

-5

8/11

5062

88131A4-BK-91-3-6-1

2809

8/5

5063

-2

8/12

5064

5065

8/8 -3

5066

8/9 -4

5067

8/6 -5

5068

B8131A4-BK-91-4-5-1

86/518

8/7

2813

5069

8/6 -2

5070

8/7 -3

5071

8/6 -4

5072

8/9 -5

2820	B8131A4-BK-99-1-7-1	8/9	5073
		-2 8/11	5074
		-3 8/12	5075
		-4 8/10	5076
		-5 8/16	5077
HR	LMNT	8/16	5078
2835	B8131A4-BK-103-2-6-1	8/7 8/520	5079
		-2 8/6	5080

5081

-3
8/4

5082

-4
8/5

5083

-5
8/6

5084

B8131A4-Bk-106-4-5-1
8/2

2844

5085

-2
8/9

5086

-3
8/11

5087

-4
8/2

5088

-5
8/3

B8131A4-BK-115-5-5-1

2860

±

86/523

8/4

5089

-2

8/6

5090

-3

8/5

5091

-4

8/5

5092

-5

8/5

5093

B8131A4-BK-141-1-8-1

2873

8/3

5094

-2

8/3

5095

-3

8/2

5096

5097

8/3

-4

5098

8/6

-5

5099

B8131A4-BK-143-4-7-1

8/12

2878

5100

8/12

-2

5101

8/14

-3

5102

8/12

-4

5103

8/7

-5

5104

B8131A4-BK-121-4-7-1

8/5

2883

-2

8/5

5105

-3

8/7

5106

-4

8/3

5107

-5

8/6

5108

B8131A4-BK-136-5-7-1

2908

8/1

5109

 $\pm 86/525$

-2

7/31

5110

-3

8/5

5111

-4

7/31

5112

5113

-5

7/30

5114

B8131A4-BK-120-4-6-1

8/7

2928

5115

-2

8/4

5116

-3

8/7

5117

-4

8/5

5118

-5

8/3

5119

B8131A4-BK-150-3-5-1

7/31

2932

5120

-2

7/31

-3

7/31

5121

-4

8/2

5122

-5

7/31

5123

NWBT

54

8/1

5124

B8131A4-BK-151-4-8-1

2940

8/6

5125

-2

8/11

5126

-3

8/11

5127

-4

8/16

5128

5129

-5

8/14

5130

B8131A4-BK-157-5-8-1

8/11

2950

5131

-2

8/10

5132

-3

8/10

5133

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8/10

5134

-5

8/9

5135

B8131A4-BK-177-4-5-1

8/6

2963

86/527

5136

-2

8/12

-3

5137

-4

8/12

5138

-5

8/12

5139

88131A4-BK-179-2-4-1

2967

8/22

86/528

5140

-2

8/14

5141

-3

8/21

5142

-4

8/17

5143

-5

8/13

5144

5145	B8131A4-BK-181-3-6-1	8/11		2974
5146		-2 8/10		
5147		-3 8/6		
5148		-4 8/10		
5149		-5 8/6		
5150	NWRX			158
5151	B8131A4-BK-189-5-6-1	8/21		2990
5152		-2 8/14		

-3

8/11

5153

-4

8/12

5154

-5

8/21

5155

3010

B8131A4-BK-193-3-6-1

8/11

5156

-2

8/19

5157

-3

8/16

5158

-4

8/12

5159

-5

8/11

5160

5161

B8131A4-Bk2-3-6-1

8/12

3020

86/533

5162

-2

8/6

5163

-3

8/15

5164

-4

8/19

5165

-5

8/14

5166

B8131A4-Bk2-4-5-1

8/13

3025

86/534

5167

-2

8/15

5168

-3

8/16

-4

8/16

5169

-5

8/16

5170

B8131A4-BK₂-9-6-1

3031

86/535

8/12

5171

-2

8/6

5172

-3

8/6

5173

-4

8/6

5174

-5

8/9

5175

LBLE

16

8/3

5176

5177

B8131A4-BK2-14-6-1

8/3

3036

5178

-2

8/3

5179

-3

7/31

5180

-4

7/31

5181

-5

8/2

5182

B8131A4-BK2-15-8-1

8/10

3043

5183

-2

8/7

5184

-3

8/4

-4

8/4

5185

-5

8/5

5186

B8131A4-BK₂-37-4-1

3091

 $\pm 86/540$

8/8

5187

-2

8/4

5188

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8/10

5189

-4

8/9

5190

-5

8/7

5191

B8131A4-BK₂-38-5-1

3097

8/9

5192

5193

8/9

-2

5194

8/9

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5195

8/10

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5196

8/7

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5197

B8131A4-BK₂-40-6-1

8/10

3103

± 86/541

5198

8/8

-2

5199

8/3

-3

5200

8/11

-4

-5

8/9

5201

B8131A4-Bk₂-43-5-1

3107

8/3

5202

-2

8/2

5203

-3

8/3

5204

-4

8/4

5205

-5

8/4

5206

B8131A4-Bk₂-44-7-1

3114

8/7

5207

-2

8/9

5208

5209

8/9

-3

5210

8/8

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5211

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5212

B8/31A4-BK₂-44-8-1

8/3

3/15

5213

8/6

-2

5214

8/5

-3

5215

8/1

-4

5216

8/7

-5

B8131A4-Bk₂-45-8-1

3120

8/3

5217

-2

8/2

5218

-3

7/31

5219

-4

7/31

5220

-5

7/31

5221

CB 501

3450

8/16

5222

B8131A4-Bk₂-47-8-1

3125

8/5

5223

-2

7/31

5224

5225

8/4 -3

5226

7/31 -4

5227

8/3 -5

5228

B8131A4-Bk₂-48-7-1

8/4

3130

86/542

5229

8/5 -2

5230

8/4 -3

5231

8/3 -4

5232

8/1 -5

B8131A4-Bk₂-52-8-1

3141

8/3

5233

-2

8/3

5234

-3

8/1

5235

-4

7/31

5236

-5

8/7

5237

B8131A4-Bk₂-59-5-1

3148

7/31

5238

-2

8/2

5239

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8/3

5240

5241

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-4

5242

8/16

-5

5243

B8131A4-BK₂-60-7-1

8/2

3156

5244

8/4

-2

5245

8/8

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5246

8/5

-4

5247

7/31

-5

5248

GFMT

8/4

HR

B8131A4-Bk₂-63-5-1

3159

86/545

8/7

5249

-2

8/2

5250

-3

8/8

5251

-4

8/2

5252

-5

8/5

5253

B8131A4-Bk₂-64-5-1

3164

86/546

8/7

5254

-2

8/7

5255

-3

8/5

5256

5257

8/7

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5258

8/7

-5

5259

B8131A4-BK2-66-6-1

8/12

3170

5260

8/10

-2

5261

8/7

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5262

8/14

-4

5263

8/19

-5

5264

B8131A4-BK2-71-8-1

± 86/547

3178

-2

8/11

5265

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8/15

5266

-4

8/10

5267

-5

8/8

5268

B8131A4-Bk₂-78-4-1

3184

± 86/549

8/6

5269

-2

8/4

5270

-3

8/4

5271

-4

8/7

5272

5273

8/4

-5

5274

RXMT

8/5

HR

5275

B8131A4-Bk₂-89-6-1

8/10

3191

86/550

5276

-2

8/12

5277

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5278

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5279

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8/5

5280

B8131A4-Bk₂-93-7-1

8/7

3197

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8/7

5281

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5282

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5283

-5

8/5

5284

B8131A4-Bk₂-95-5-1

3207

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5285

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5286

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5287

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5288

5289

-5

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5290

B8131A4-Bk₂-99-4-1

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3211

5291

-2

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5292

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5293

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5294

-5

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5295

B8131A4-Bk₂-101-5-1

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3222

5296

-2

8/8

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8/19

5297

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8/13

5298

-5

8/20

5299

B8131A4-Bk₂-104-7-1

3230

8/16

5300

-2

8/11

5301

-3

8/6

5302

-4

8/8

5303

-5

8/5

5304

5305	B8131A4-Bk ₂ -108-7-1 ± 86/552	8/6	3235
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5306		8/6 -2	
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5307		8/11 -3	
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5308		8/4 -4	
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5309		8/6 -5	
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5310	B8131A4-Bk ₂ -116-7-1	8/2	3250
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5311		8/3 -2	
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5312		8/2 -3	
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-4

8/2

5313

-5

8/3

5314

B8131A4-BK₂-120-6-1

3255

8/6

5315

86/554

-2

8/6

5316

-3

8/9

5317

-4

8/7

5318

-5

8/8

5319

B8131A4-BK₂-122-6-1

3260

8/2

5320

86/556

5321

8/2 -2

5322

8/4 -3

5323

8/3 -4

5324

8/3 -5

5325

LBNT

8/9

36

5326

B8131A4-BK₂-128-6-1

8/7

3265

5327

8/8 -2

5328

8/7 -3

-4

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5329

-5

8/4

5330

B8131A4-Bk₂-130-6-1

3270

8/8

5331

-2

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5332

-3

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5333

-4

8/9

5334

-5

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5335

B8131A4-Bk₂-132-8-1

3277

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5336

5337

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5340

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-5

5341

B8131A4-BK2-136-6-1

8/5

3281

5342

8/9

-2

5343

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-3

5344

8/6

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-5

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5345

B8131A4-Bk₂-138-7-1

3292

8/2

5346

-2

8/1

5347

-3

7/31

5348

-4

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5349

-5

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5350

TBNT

13

8/6

5351

B8131A4-Bk₂-141-5-1

3295

8/6

5352

5353

8/8

-2

5354

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5355

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-4

5356

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-5

5357

B8131A4-Bk₂-146-7-1

8/10

3302

5358

8/10

-2

5359

8/11

-3

5360

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-4

-5

8/6

5361

B8131A4-Bk₂-149-6-1

3306

8/7

5362

-2

8/14

5363

-3

8/16

5364

-4

8/6

5365

-5

8/5

5366

B8131A4-Bk₂-150-7-1

3312

8/8

5367

-2

8/6

5368

5369

-3

8/7

5370

-4

8/6

5371

-5

8/2

5372

B8131A4-Bk₂-152-8-1

8/3

3318

5373

-2

8/1

5374

-3

7/30

5375

-4

8/5

5376

-5

8/2

HR	SKBT	8/9	5377
3322	B8131A4-B _{k2} -157-7-1 ± 86/558	7/29	5378
		-2 7/29	5379
		-3 7/30	5380
		-4 7/29	5381
		-5 7/29	5382
3329	B8131A4-B _{k2} -158-8-1 86/560	8/2	5383
		-2 8/2	5384

5385

-3

8/6

5386

-4

8/5

5387

-5

8/4

5388

B8131A4-Bk₂-162-6-1

7/31

3332

5389

-2

7/31

5390

-3

7/31

5391

-4

8/1

5392

-5

8/3

3333

B8131A4-Bk₂-162-7-1

8/2

5393

-2

8/2

5394

-3

8/3

5395

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B8131A4-Bk₂-163-7-1

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B8131A4-Bk₂-167-6-1

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B8131A4-Bk₂-173-6-1

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B8131A4-Bk₂-177-8-1

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B8131A4-Bk₂-182-7-1

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B8131A4-Bk₂-184-6-1

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B8131A4-Bk₂-186-4-1

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B8131A4-Bk₂-194-4-1

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B8131A4-BK₂-196-7-1

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5449	RU8303181	8/18	84/HR
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5450	B8131A4-Bk ₂ -202-6-1	8/3	3391
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5451		8/7 ⁻²	
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5452		8/6 ⁻³	
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5453		8/5 ⁻⁴	
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5454		8/5 ⁻⁵	
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5455	B8131A4-Bk ₂ -205-8-1	8/1	3398
	± 86/566		

5456		7/31 ⁻²	
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B8131A4-Bk₂-206-B-1

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B8131A4-Bk₂-214-6-1

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B8131A4-BK₂-218-6-1

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B8131A4-Bk₂-221-8-1

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B8131A4-Bk₂-228-5-1

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B8131A4-Bk₂-232-6-1

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B8131A4-Bk₂-241-8-1

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B8131A4-Bk₂-253-8-1
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B8131A4-Bk₂-263-8-1

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5509

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B8131A4-Bk₂-276-5-1

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38131A4-Bk₂-278-5-1

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3483	B8131A4-Bk ₂ -282-5-1	8/2	5521
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		-4 7/31	5524
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		-5 8/2	5525
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53	TR02	8/12	5526
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3495	B8131A4-Bk ₂ -303-7-1	8/11	5527
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3530	B8131A4-Bk ₂ -322-6-1	8/6	5537
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	-5	8/4	5541
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3534	B8131A4-Bk ₂ -325-5-1	8/1	5542
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5545		-4 8/5	
5546		-5 8/5	
5547	B8131A4-BK ₂ -334-7-1	7/29	3557
5548		-2 7/30	
5549		-3 7/29	
5550		-4 7/30	
5551		-5 7/31	
5552	L-202	8/3	119

3561 B8131A4-Bk₂-337-6-1 8/5 5553

-2 8/6 5554

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3567 B8131A4-Bk₂-340-7-1 8/19 5558

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-2 8/16 5559

-3 8/16 5560

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5561		8/2	
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5562		8/7	
5563	B8131A4-Bk ₂ -358-6-1	8/5	3592
	± 86/579		
		-2	
5564		8/4	
		-3	
5565		8/2	
		-4	
5566		8/3	
		-5	
5567		8/2	
5568	B8131A4-Bk ₂ -364-7-1	8/1	3598
	± 86/580		

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B8131A4-Bk₂-365-5-1

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B8131A4-Bk₂-367-8-1

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B8131A4-Bk₂-370-7-1

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B8131A4-Bk₂-376-4-1

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5593		-5 7/31		
5594	B8131A4-Bk ₂ -	379-7-1 7/30		3629
5595		-2 7/29		
5596		-3 7/31		
5597		-4 7/29		
5598		-5 7/31		
5599	IR-30	8/16	9/18	24457
	bx 9/18			
5600	IR-36	8/21		9199
	Bk 9/22			

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B7513A1-B_{K2}-2-5-1-5-5-1

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B7513A1-B_{K2}-4-1-4-5-2-1

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B7513A1-B_{K2}-12-3-3-1-4-1

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B7513A1-B_{K2}-17-4-3-5-4-1

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Costa Rica 1113

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Bk 9/22

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BTS13A1-Bk₂-30-2-3-2-2-1

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B7513A1-Bx₂-73-5-4-3-3-1

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BT513A1-Bk₂-88-2-5-5-4-1

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BT513A1-Bk₃-10-1-4-3-1

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B7513A1-Bk₃-17-5-4-5-1

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5657	PI 331581	8/25		21375
Bk 9122				
5658	B8131A4-Bk ₂ -22-7-1	8/15		3058
5659		-2 8/13		
5660		-3 8/5		
5661		-4 8/6		
5662		-5 8/3		
5663	B8131A4-Bk ₂ -23-6-1	7/31		3062
5664		-2 7/29		

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B8131A4-B_{K2}-25-5-1

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B8130A5-Bk-38-1-7-1

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5818		8/6	-2
5819		8/5	-3
5820		8/5	-4
5821		8/5	-5
5822	LMNT	8/11	HR
5823	B8130A5-Bk-134-4-5-1	8/7	3983
5824		8/7	-2

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5849		8/4 ⁻²	
5850		8/5 ⁻³	
5851		8/4 ⁻⁴	
5852		8/4 ⁻⁵	
5853	GFM	8/6	HR
5854	B8130A5-Bk-164-1-6-1	8/7	4050
5855		8/3 ⁻²	
5856		8/8 ⁻³	

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5870

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5872

8/6⁻⁴

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B8130A5-BK-195-5-7-1

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5904

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4118

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B8130A5-B_{k2}-11-2-1

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B8130A5-B_{k2}-17-4-1

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4131

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5949		8/6	-4
5950		8/6	-5
5951	LBLE	7/31	16
5952	B8130A5-Bk ₂ -40-7-1	8/5	4170

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4176

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B8130A5-Bk₂-47-5-1

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5967

B8130A5-Bk₂-62-6-1

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5971

B8130A5-Bk₂-65-6-1

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5975

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5977

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5978

B8130A5-Bk₂-68-8-1

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5981

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B8130A5-Bx₂-71-4-1

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5991

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B8130A5-Bk₂-73-6-1

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5998

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6001

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4220

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6003

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6005

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6006

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Bk 9/22

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4334

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B8130A5-Bk₂-129-8-1

4305

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6101

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6102

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6103

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6104

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6105		8/2	
6106	B8130A5-Bk ₂ -162-4-1	8/1	4337
		-2	
6107		8/1	
		-3	
6108		8/1	
		-4	
6109		8/1	
		-5	
6110		7/31	
6111	B8130A5-Bk ₂ -168-7-1	7/31	4345
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6113

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6114

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6115

B8130A5-Bk₂-173-6-1

4349

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6116

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6119

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6121	B8130A5-Bk ₂ -186-6-1	8/3	4355
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6122		8/2	-2
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6123		8/5	-3
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6124		8/3	-4
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6125		8/3	-5
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6126	CB801	8/17	3450
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6127	B8130A5-Bk ₂ -188-8-1	8/5	4362
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6128		8/4	-2
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6129

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6130

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6131

B8130A5-B1c₂-193-7-1

4366

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6132

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6133

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6134

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6135

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6136

6137

B8130A5-Bk₂-194-7-1

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4371

6138

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6139

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6140

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6141

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6142

B8130A5-Bk₂-197-4-1

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4374

6143

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6144

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6145

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6146

B8130A5-BK₂-215-8-1

4383

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6147

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6148

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6149

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6150

-5

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6151

LBLE-X2-2

3424

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6152

6153	B8130A5-Bk ₂ -219-5-1	8/9	4385
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6155		8/7 -3	
6156		8/6 -4	
6157		8/8 -5	
6158	B8130A5-Bk ₂ -220-7-1	8/1	4392
6159		7/30 -2	
6160		7/30 -3	

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6161

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6162

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4397

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6163

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6164

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6165

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6166

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6167

B8130A5-B_{K2}-225-7-1

4404

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6168

6169

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6172

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6173

B8130A5-Bk₂-233-5-1

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6174

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B8130A5-Bk₂-237-6-1

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6182

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6183

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B8130A5-Bk₂-238-7-1

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6184

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6189

B8130A5-Bk₂-244-8-1

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6190

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6193

B8130A5-Bk₂-248-7-1

4435

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6194

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6195

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6197

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6198

CI 9902

24571

8/19

6199

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BBLE

3173

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6200

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Seeded 5/16

6201

B8130A5-Bk₂-251-6-1

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6202

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6203

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6205

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6206

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6209

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NWBT

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6256

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6347		-3 8/2	
6348		-4 8/3	
6349		-5 8/5	
6350	RU8003050	8/5	18952
	Bk 9/22		
6351	B8130A5-Bk ₂ -386-7-1	8/2	4631
6352		-2 8/3	

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6359

-5

8/2

6360

6361

B8130A5-B_{K2}-395-7-1

8/2

4641

6362

-2

8/2

6363

-3

8/3

6364

-4

8/3

6365

-5

8/2

6366

B8130A5-B_{K2}-408-6-1

8/1

4651

6367

-2

8/2

6368

-3

8/3

-4

8/3

6369

-5

8/1

6370

38130A5-Bk₂-413-5-1

4655

8/3

6371

-2

8/1

6372

-3

8/3

6373

-4

7/30

6374

-5

8/3

6375

LEAH

35

8/4

6376

6377

B8130A5-Bk₂-418-5-1

7/27

4660

6378

-2

7/26

6379

-3

7/26

6380

-4

7/26

6381

-5

8/1

6382

B8130A5-Bk₂-421-5-1

8/2

4665

6383

-2

7/30

6384

-3

8/1

-4

8/1

6385

-5

7/31

6386

B8130A5-B_{k2}-424-4-1

4669

7/31

6387

-2

7/31

6388

-3

7/30

6389

-4

7/30

6390

-5

7/31

6391

B8130A5-B_{k2}-426-7-1

4678

8/3

6392

6393

-2
8/2

6394

-3
8/1

6395

-4
8/2

6396

-5
8/3

6397

B8130A5-BK₂-428-1-1

8/3

4683

6398

-2
8/3

6399

-3
8/2

6400

-4
8/3

-5

8/4

6401

B8130A5-BK₂-431-7-1

4688

8/3

6402

-2

8/3

6403

-3

8/3

6404

-4

8/3

6405

-5

8/3

6406

B8130A5-BK-196-4-1

4690

7/31

6407

-2

8/2

6408

6409		8/3	-3	
6410		8/3	-4	
6411		8/2	-5	
6412	B8130A5-BK-204-4-1	7/29		4695
6413		7/29	-2	
6414		7/28	-3	
6415		7/30	-4	
6416		7/30	-5	

4709

B8130A5-Bk-224-8-1

8/1

6417

-2

7/31

6418

-3

7/30

6419

-4

7/31

6420

-5

8/4

6421

4712

B8130A5-Bk-230-6-1

8/3

6422

-2

8/3

6423

-3

7/30

6424

6425

7/31

-4

6426

8/5

-5

6427

NWRX

8/4

158

6428

B8130A5-BK-232-8-1

8/2

4719

6429

8/1

-2

6430

8/3

-3

6431

8/2

-4

6432

7/31

-5

4723

B8130A5-BK-239-1-1

8/3

6433

-2

8/3

6434

-3

8/2

6435

-4

8/3

6436

-5

8/3

6437

4727

B8130A5-BK-245-5-1

8/5

6438

-2

8/6

6439

-3

8/6

6440

6441

8/5

-4

6442

8/8

-5

6443

B8130A5-BK-251-6-1

8/3

4733

6444

8/3

-2

6445

8/5

-3

6446

8/5

-4

6447

8/1

-5

6448

B8130A5-BK-254-6-1

7/29

4743

-2

7/29

6449

-3

7/29

6450

-4

7/31

6451

-5

7/31

6452

53

TR02

8/7

6453

4748

B8130A5-BK-256-6-1

7/29

6454

-2

7/29

6455

-3

7/30

6456

6457

8/3

-4

6458

8/3

-5

6459

B8130A5-BK-263-7-1

7/30

4755

6460

7/30

-2

6461

7/30

-3

6462

7/30

-4

6463

7/30

-5

6464

B8130A5-BK-265-5-1

8/2

4758

-2

8/1

6465

-3

8/1

6466

-4

7/31

6467

-5

8/3

6468

B8130A5-BK-310-5-1

4779

7/30

6469

-2

8/3

6470

-3

8/3

6471

-4

8/3

6472

6473

-5
8/1

6474

B8130A5-Bk-322-5-1

8/3

4784

6475

-2
8/3

6476

-3
8/2

6477

-4
8/2

6478

-5
8/3

6479

TBNT

7/30

13

6480

B8130A5-Bk-326-7-1

7/30

4791

-2

7/29

6481

-3

7/30

6482

-4

7/31

6483

-5

7/31

6484

B8130A5-Bk-331-6-1

4795

7/29

6485

-2

7/29

6486

-3

7/29

6487

-4

7/29

6488

6489

-5

7/29

6490

B8130A5-Bk-343-5-1

7/28

4799

6491

-2

7/28

6492

-3

7/28

6493

-4

7/29

6494

-5

7/30

6495

B8130A5-Bk-349-4-1

7/29

4803

6496

-2

7/29

-3

7/29

6497

-4

7/29

6498

-5

7/27

6499

B8130A5-BK-350-6-1

4810

7/31

6500

B8131A =

B7513A =

B8130A =

5137

5150

5657

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

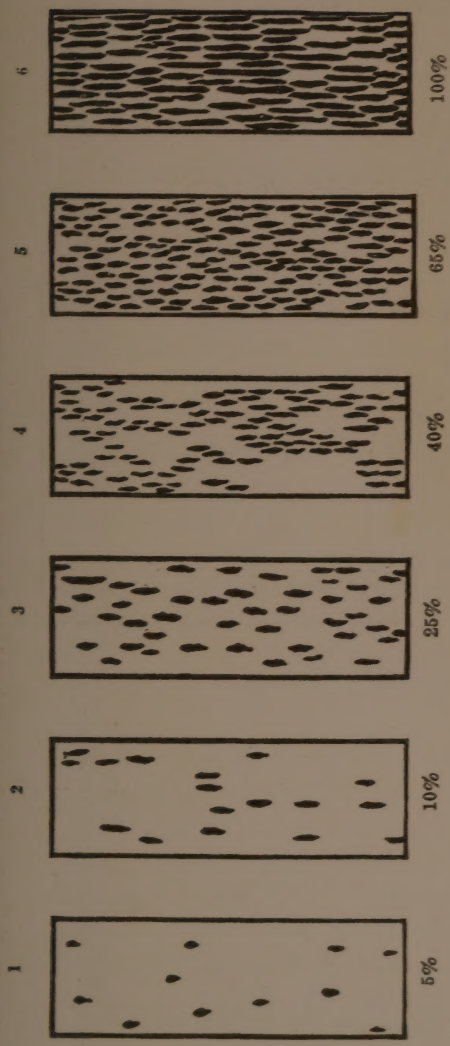


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

B8130A5-BK-350-6-2

6501

8/2

4810

6502

-3

8/3

6503

-4

8/3

6504

-5

8/3

6505

B8130A5-BK-252-6-1

8/6

4815

6506

-2

8/10

6507

-3

8/3

6508

-4

8/10

-5

8/7

6509

B8130A5-Bk-357-5-1

4819

8/3

6510

-2

8/3

6511

-3

8/3

6512

-4

8/5

6513

-5

8/3

6514

B8130A5-Bk-360-5-1

4825

8/11

6515

-2

8/10

6516

6517

8/7

-3

6518

8/9

-4

6519

8/8

-5

6520

LMNT

8/5

HR

Not LMNT

6521

B8130A5-Bk-363-5-1

8/11

4830

6522

8/11

-2

6523

8/12

-3

Probably LMNT

6524

8/8

-4

-5

8/11

6525

B8130A5-Bk-368-5-1

4835

7/28

6526

-2

7/29

6527

-3

7/29

6528

-4

7/31

6529

-5

8/5

6530

B8130A5-Bk-371-6-1

4841

7/31

6531

-2

7/30

6532

6533

-3
8/3

6534

-4
7/31

6535

-5
7/31

6536

B8130A5-BK-374-5-1

8/6

4845

6537

-2
8/5

6538

-3
8/4

6539

-4
8/5

6540

-5
8/5

B8130A5-Bk-374-8-1

4848

8/3

6541

-2

8/3

6542

-3

8/3

6543

-4

8/3

6544

-5

8/3

6545

B8130A5-Bk-385-6-1

4851

8/3

6546

-2

8/6

6547

-3

8/6

6548

Note: B8134A material is relatively poor; too leafy; frequent parent-leaves;

6549

7/31

-4

6550

7/31

-5

6551

PI 408449

7/31

10948

bk 9/14

decided; should have been 6554

6552

B8134A1-BK-21-4-1-1

4868

B786A3 * F, / LMNT

6553

8/5

-2

6554

PI 408449

8/10

-3

urple

6555

8/11

-4

6556

8/11

-5

✓ PP

B8134A1-Bk-27-4-2-1

4871

8/5

6557

-2

8/5

6558

-3

8/5

6559

-4

8/7

6560

-5

8/3

6561

B8134A1-Bk-36-2-5-1

4880

8/5

6562

-2

8/7

6563

-3

8/5

6564

6565

✓pp

-4

8/5

6566

-5

8/5

6567

B8134A1-Bk-45-2-2-1

8/10

4892

6568

-2

8/12

6569

-3

8/11

6570

-4

8/16

6571

-5

8/12

6572

B8134A1-Bk-59-2-2-1

8/10

4907

-2

8/9

6573

-3

8/9

6574

pp[✓]

-4

8/9

6575

-5

8/9

6576

HR

GFMT

8/1

6577

4914

B8134A1-Bx-59-4-4-1

8/8

6578

-2

8/10

6579

-3

8/7

6580

6581

✓ PP

-4

8/10

6582

-5

8/11

6583

B8134A1-BK-60-5-5-1

8/12

4920

6584

-2

8/16

6585

-3

8/11

6586

-4

8/14

6587

-5

8/12

6588

B8134A1-BK-102-3-4-1

8/8

4940

-2

8/9

6589

-3

8/8

6590

-4

8/10

6591

✓
PP

-5

8/9

6592

B8134A1-BK-113-3-2-1

4948

8/9

6593

-2

8/9

6594

-3

8/9

6595

-4

8/7

6596

6597

8/10 -5

6598

B8134A1-BK-127-5-2-1

8/10

4959

6599

8/10 -2

6600

8/11 -3

6601

8/10 -4

6602

8/11 -5

6603

B8134A1-BK-150-1-1-1

8/6

4989

6604

8/6 -2

-3

8/6

6605

✓
PP

-4

8/6

6606

-5

8/6

6607

B8134A1-Bx-156-4-4-1

4997

7/30

6608

-2

7/31

6609

✓
PP

-3

7/30

6610

-4

7/30

6611

-5

7/30

6612

6613

B8134A1-Bk₂-4-1-1

8/8

5001

6614

-2

8/4

6615

-3

8/3

6616

-4

8/7

6617

-5

8/6

6618

B8134A1-Bk₂-6-1-1

8/2

5006

6619

-2

7/31

6620

-3

7/30

-4

7/31

6621

PP

-5

8/4

6622

SKOT

HR

8/3

6623

B8134A1-BK₂-10-2-1

5012

8/9

6624

-2

8/6

6625

-3

8/6

6626

-4

8/7

6627

-5

8/5

6628

6629

B8134A1-BK₂-12-5-1

8/7

5020

6630

-2

8/9

6631

-3

8/8

st. Read

6632

-4

8/7

6633

-5

8/7

6634

B8134A1-BK₂-14-1-1

8/4

5021

6635

-2

8/3

6636

-3

8/3

-4

8/2

6637

-5

8/1

6638

PP

B8134A1-Bk₂-15-1-1

5027

8/6

6639

-2

8/6

6640

-3

8/3

6641

-4

8/7

6642

-5

8/8

6643

B8134A1-Bk₂-17-3-1

5034

8/1

6644

6645

8/1 -2

6646

7/30 -3

6647

7/30 -4

6648

7/29 -5

✓
PP
RXMT

6649

8/9

HR

6650

B8134A1-BK₂-20-3-1
8/3

5039

6651

8/2 -2

6652

8/3 -3

-4

8/3

6653

-5

7/31

6654

B8134A1-Bk₂-25-5-1

5046

7/31

6655

-2

7/30

6656

-3

8/8

6657

-4

8/3

6658

-5

8/1

6659

B8134A1-Bk₂-28-4-1

5050

8/10

6660

6661

-2
8/10

6662

-3
8/12

6663

-4
8/15

6664

-5
8/11

6665

B8134A1-BE₂-35-4-1

8/11

5056

6666

-2
8/12

6667

-3
8/11

6668

-4
8/12

-5

8/11

6669

B8134A1-Bk₂-36-3-1

5060

8/4

6670

-2

8/5

6671

-3

8/4

6672

PP ✓

-4

8/4

6673

-5

8/5

6674

LBLE

16

7/29

6675

B8134A1-Bk₂-40-5-1

5067

8/4

6676

6677

-2
8/1

6678

-3
8/2

6679

-4
7/31

6680

-5
7/31

6681

B8134A1-B_{x2}-45-5-1

8/4

5072

6682

-2
8/1

6683

-3
8/4

✓
PP
6684

-4
8/1

-5

8/1

6685

B8134A1-B_{K2}-47-1-1

5074

8/9

6686

PP

-2

8/16

6687

-3

8/9

6688

-4

8/11

6689

-5

8/10

6690

B8134A1-B_{K2}-50-3-1

5081

8/9

6691

-2

8/9

6692

6693

-3
8/9

6694

-4
8/10

6695

-5
8/10

6696

B8134A1-B₂-55-5-1

8/1

5093

6697

-2
8/4

6698

-3
8/1

6699

-4
8/1

6700

-5
8/4

✓ PP

5095	B8134A1-BK ₂ -58-2-1	8/2	6701
		-2 8/2	6702
		-3 8/3	6703
		-4 8/2	6704
		-5 8/2	6705 ✓ pp
5103	B8134A1-BK ₂ -61-5-1	8/9	6706
		-2 8/9	6707
		-3 8/6	6708

6709

-4
8/6

6710

-5
8/9

6711

B8134A1-Bk₂-68-5-1

8/2

5113

6712

-2
8/6

6713

-3
8/4

6714

-4
8/5

6715

-5
8/5

6716

B8134A1-Bk₂-73-5-1

8/1

5118

-2

8/2

6717

-3

8/1

6718

-4

8/2

6719

-5

8/2

6720

B8134A1-Bk₂-83-2-1

5/26

7/30

6721

-2

8/1

6722

-3

7/31

6723

-4

8/2

6724

11 ✓

6725

-5

7/31

6726

BLMT

8/5

56

6727

B8134A1-Bk₂-84-4-1

8/5

5133

6728

-2

8/6

6729

-3

8/5

6730

-4

8/5

6731

-5

8/5

6732

B8134A1-Bk₂-85-2-1

8/3

5136

pp

-2

8/3

6733

-3

8/4

6734

-4

8/4

6735

-5

8/10

6736

B8134A1-Bk₂-88-2-1

5141

8/5

6737

-2

8/1

6738

-3

8/3

6739

-4

8/10

6740

6741

-5
8/5

6742

B8134A1-Bk₂-101-2-1

7/31

5146

6743

-2
8/2

6744

-3
8/1

6745

-4
8/2

6746

-5
8/6

6747

B8134A1-Bk₂-109-1-1

8/7

5161

6748

-2

-3

8/7

6749

-4

8/6

6750

-5

8/8

6751

L-202

119

8/3

6752

B8134A1-Bk₂-120-5-1

5170

8/3

6753

pp ✓

-2

8/4

6754

-3

8/3

6755

-4

8/6

6756

6757

-5
8/6

6758

B8134A1-Bk₂-121-2-1

8/9

5172

6759

-2
8/5

6760

-3
8/8

6761

-4
8/7

6762

-5
8/4

6763

B8134A1-Bk₂-122-2-1

8/5

5178

6764

-2
8/6

-3

8/5

6765

-4

8/6

6766

-5

8/6

6767

B8134A1-Bk₂-128-5-1

5191

8/3

6768

PP

-2

8/5

6769

-3

8/3

6770

-4

8/4

6771

-5

8/4

6772

6773

B8134A1-Bk₂-132-5-1

8/2

5196

6774

8/1

-2

6775

8/3

-3

6776

8/3

-4

6777

8/3

-5

6778

BOND

7/29

14

6779

B8134A1-Bk₂-134-1-1

8/9

5197

6780

8/5

-2

-3

8/7

6781

-4

8/6

6782

-5

8/7

6783

B8134A1-Bk₂-136-3-1

5204

8/6

6784

-2

7/31

6785

-3

7/31

6786

-4

7/31

6787

-5

8/7

6788

6789	B8134A1-Bk ₂ -137-1-1	7/29	5207
------	----------------------------------	------	------

6790	-2	7/29	
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6791	-3	7/30	
------	----	------	--

6792	-4	7/29	
------	----	------	--

6793	-5	7/29	
------	----	------	--

✓ PP

6794	B8134A1-Bk ₂ -145-5-1	8/4	5221
------	----------------------------------	-----	------

6795	-2	7/29	
------	----	------	--

6796	-3	7/31	
------	----	------	--

Seeded 5/16

-4

8/3

6797

-5

8/2

6798

DLA

189

8/7

6799

Identify?
Check for aroma!

AMBER

MAM

9/13

6800

(IRAQ)

B8134A1-BK₂-146-2-1

5223

8/11

6801

-2

8/11

6802

pp ✓

-3

8/12

6803

-4

8/16

6804

6805

-5

8/12

6806

B8134A1-Bk₂-157-5-1

8/3

5242

6807

-2

8/12

6808

-3

8/12

6809

-4

8/11

6810

-5

8/14

6811

B8134A1-Bk₂-160-4-1

8/5

5246

6812

-2

8/11

-3

8/7

6813

-4

8/4

6814

-5

7/31

6815

B8134A1-B_{K2}-178-2-1

5250

8/2

6816

-2

8/3

6817

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8110

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8111

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8113

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B8347A2-BK₂

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B8347A1-Bk₂

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lax

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7990

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7991

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7992

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7993

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7995

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7996

8/4

8/2

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7998

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CICA-6

9200

8/12

8000

b/c 9/24

B8130A5 = LEAH / LMNT

B8134A1 = B786A3 * F₁ / LMNT

C667A = SKBT // SSD / SSS

B8341A = 8302025 / B767A3-3-3-4-BK

B8347A = B767A3-3-3-4-BK / 8302022

not listed 8/18

7804

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

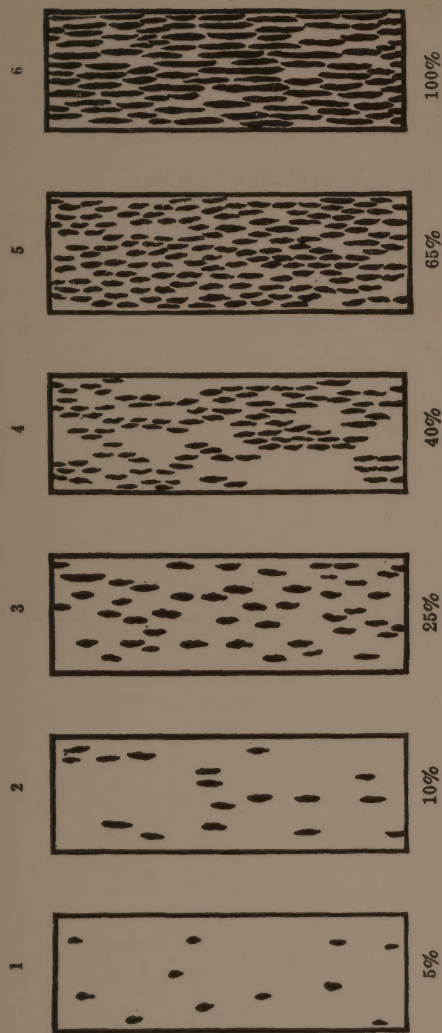


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Seeded 5/16

B8348A2-BK-1

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22939-60

LMNT/8302022

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B8348A2-Bk-17

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7/31

25550	RV8302022	8/4	8025
			bK 9/18
	B8348A2-BK-25	8/6	8026
	-26	7/30	8027
	-27	8/2	8028
	-28	7/31	8029
	-29	7/31	8030
	-30	7/31	8031
	-31	8/1	8032

B8348A2-Bk-32

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8049 B8348 A2 - BK -48

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8050 LMNT

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HR

8051 -49

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8052 -50

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8055 -53

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8056 -54

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B8348A2-BK-63

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B8348A2-Bk-110

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B8348A2-Bk-125

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LEAH

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22939-60

bk

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8177	B8348A2-Bk ₂	7/28	22939-60	bk ↓
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8180		7/29		
8181		7/27		
8182		7/29		
8183		7/29		
8184		7/28		

22939-60	B8348A2-Bk ₂	7/29	8185
bk ↓			
		7/29	8186
		7/28	8187
		7/28	8188
		7/29	8189
		7/29	8190
		7/29	8191
		7/26	8192

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22939-60

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23066-80	138348A3-Bx-1	8/4	8201
	-2	8/9	8202
	-3	8/4	8203
	-4	8/3	8204
	-5	8/3	8205
	-6	8/4	8206
	-7	7/30	8207
	-8	8/1	8208

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8273 138348A3-BK-71

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8274 -72

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8275 RXMT

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8466

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8467

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8468

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8469

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8470

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8471

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8472

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8473

-52

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8474

NWRX

158

8/3

8475

-53

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8476

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8477

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8478

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8480

B8348A4-Bx-58

8481

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8482

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8484

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8485

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8486

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8488

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8489

-67

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8490

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8491

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8495

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B8348A4 - Bx - 74

8497

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8498

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8499

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8500

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8501

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8502

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8503

-80

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8504

-81

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8505

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8506

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8507

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-86

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8509

-87

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8510

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8511

-89

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8512

B8348A4-Bk-90

8513

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-91

8514

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8515

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8516

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8518

8/1

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8519

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-97

8520

7/30

		-98	8/8	8521
		-99	8/8	8522
		-100	7/31	8523
		-101	8/2	8524
3424	LBLE-X2-2		7/29	8525
				bk 9/18
3195-200	B8348A4-Bk2		8/1	8526
bx ↓				
			7/31	8527
			8/3	8528

B8348A4 - B_{k2}

8529

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23/95-200

bx

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8536

8/1

B8154A inner have large, full panicle; plant type somewhat leafy but probably OK; overall may be good material!

33

7/31

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8540

PI 408449

10948

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8541

bx 9/24

B8154A1-Bk₂-1

23501-40

8/2

8542

B786A3* F₁ / T603091

-2

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8543

-3

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8544

B8154A1 - Bk₂ - 4

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-10

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8552

-11

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B8154A1-Bk₂-12

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8553

-13

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8554

-14

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8555

-15

8/3

8556

pp[✓]

-16

8/3

8557

-17

8/3

8558

-18

8/3

8559

pp[✓]

-19

8/8

8560

B8154A1-Bk₂-20

8561

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23501-40

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B8154A1-Bk₂-28

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8569

-29

8/6

8570

-30

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8571

-31

8/3

8572

pp ✓

-32

8/2

8573

-33

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8574

RUT603091

7999

8/8

8575

bk 9/18

-34

8/2

8576

B8154A1-Bk₂-35

8577

7/31

✓
PP

-36

8578

8/3

✓
PP

-37

8579

7/31

-38

8580

8/3

✓
PP

-39

8581

8/4

✓
PP

-40

8582

8/1

-41

8583

8/1

✓
PP

-42

8584

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-43

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8585

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8586

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8587

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8590

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8592

B8154A1-Bk₂-51

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8598

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8599

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8600

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-59

8/7

8601

pp ✓

-60

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8602

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8603

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8604

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8605

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8606

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8607

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8608

B8154A1-B_{K2}-67

8609

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8610

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8611

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8612

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8620

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8621

-80

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8622

-81

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8623

-82

8/8

8624

8625

GFMT

8/6

HR

8626

B8154A1-Bk₂-83

8/7

8627

-84

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8628

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8629

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8630

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8631

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8632

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-90

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8633

PP

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8634

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8635

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8636

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8637

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8638

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8639

-97

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8640

8641

B8154A1-Bk₂-98

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8642

-99

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8643

-100

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8644

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8646

-103

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8648

-105

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-106

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8649

BBLE

3173

8/6

8650

b/c 9/18

-107

8/7

8651

-108

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8652

-109

8/4

8653

-110

8/6

8654

pp ✓

-111

8/4

8655

-112

8/1

8656

8657 B8154A1-Bk₂-113 8/7

8658 -114 8/8

8659 -115 8/6

8660 -116 8/8

8661 -117 8/3

8662 -118 8/6

8663 -119 8/5

8664 -120 8/7

-121

816

8665

-122

812

8666

pp ✓

-123

817

8667

-124

813

8668

-125

815

8669

-126

815

8670

-127

815

8671

-128

816

8672

8673

B8154A1-B_{x2}-129

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8674

-130

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8675

LBNT

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36

8676

-131

8/7

8677

-132

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8678

-133

8/7

8679

-134

8/8

8680

-135

8/6

-136

8/5

8681

-137

8/4

8682

-138

8/8

8683

-139

8/6

8684

✓
PP

-140

8/6

8685

-141

8/7

8686

-142

8/2

8687

✓
PP

-143

8/7

8688

✓
PP

B8154A1-Bk₂-144

8689

8/1

8690

-145

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8691

-146

7/29

✓
PP

8692

-147

8/5

8693

-148

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8694

-149

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8695

-150

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8696

-151

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-152

8/2

8697

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8698

-154

8/2

8699

-155

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8700

-156

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8701

-157

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8702

-158

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8703

-159

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8704

B8154A1-Bk₂-160

8705

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8706

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8707

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8708

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8709

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8710

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8714

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8715

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8716

-172

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8717

-173

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8718

PP ✓

-174

8/2

8719

PP ✓

-175

8/7

8720

8721

B8154A1-Bx₂-176

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8722

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-178

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8724

-179

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8725

NWBT

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8726

-180

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8727

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-187

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8733

-188

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8734

-189

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8735

pp ✓

-190

8/6

8736

BB154A1-Bk₂-191

8737

8/2

-192

8738

8/1

-193

8739

8/7

✓ PP

-194

8740

8/9

✓ PP

-195

8741

8/1

-196

8742

8/2

-197

8743

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-198

8744

8/3

-199

8/9

8745

-200

8/11

8746

-201

8/8

8747

-202

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8748

-203

8/3

8749

HR

LMNT

8/7

8750

-204

7/31

8751

-205

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8752

B8154A1-B₂-206

8753

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-207

8754

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8755

8/12

-209

8756

8/13

-210

8757

8/11

-211

8758

8/8

-212

✓ 8759

8/7

pp

-213

✓ 8760

8/7

pp

-214

813

8761

-215

817

8762

-216

817

8763

-217

813

8764
✓

-218

812

8765

-219

815

8766

-220

813

8767

-221

817

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B8154A1-Bk₂-222

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8770

-223

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8771

-224

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8772

-225

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8773

-226

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8774

-227

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8775

L-202

7/29

119

8776

-228

8/8

-229

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8777

-230

8/3

8778

-231

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8779

-232

8/3

8780

-233

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8781

-234

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8782

-235

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8783

PP ✓

-236

8/2

8784

8785 B8154A1-Bk₂-237 8/7

8786 -238 8/2

8787 -239 8/4

8788 -240 8/3

8789 -241 8/1

8790 -242 8/8

8791 -243 8/6

8792 -244 7/31

-245

-TAPCIST

7/30

8793

PP ✓

-246

8/1

8794

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8795

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-249

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8797

-250

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8798

-251

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8799

-252

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8800

B8154A1-Bk3

8801

8/5

23501-40

8802

8/4

8803

8/8

8804

8/7

pp 9/24

8805

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8806

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8807

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8808

8/3

23501-40	B8154A1-Bx3	815	8809
		814	8810
		816	8811
CP 8/24		817	8812
		815	8813
		812	8814
		818	8815
		7131	8816

8817

B8154A1-Bk3

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23501-40

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8820

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8821

RV 8303181

8/16

84/HR

bk 9/24

8822

B8154A1-Bk-

8/4

1952-98

follow PR # 5

8823

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8824

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B8154A1-

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B8154A1-

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8850

RXMT

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HR

8851

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8852

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8853

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8/18

8856

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8/6 8857

8/7 8858

8/8 8859

8/2 8860

8/2 8861

7/31 8862

8/7 8863

8/8 8864

B8154A1-

8865

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8872

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8873

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8874

NWRX

158

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8875

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B8154A1-

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B8154A1-

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8900

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8901

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8904

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B8154A1-

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8920

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813

8921

813

8922

811

8923

816

8924

53

TR02

815

8925

7131

8926

812

8927

812

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8929

B8154A1-

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8936

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817

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813

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812

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813

8940

813

8941

816

8942

812

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815

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8945

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8947

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8948

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8949

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8950

RU7603091

8/11

7999

br 9/18

8951

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8952

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8954

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8955

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8960

8961

B8154A1-

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8962

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8964

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8966

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8967

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8970

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8971

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8972

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8973

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8974

CB 801

3450

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8975

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8976

B8154A1-

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8989

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8990

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8992

B8154A1-

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8998

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8999

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9000

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9001

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9002

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9003

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9004

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9005

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9006

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9007

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9008

9009

B8154A1-

8/8

7952-98

9010

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9011

8/11

9012

8/1

9013

8/9

9014

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9015

8/11

9016

8/7

8/12

9017

8/1

9018

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9019

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9020

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9022

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9024

9025

B8154A1-

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9026

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9028

PI 408449

8/9

10948

bx 9/24

9029

B8220A1 - BK -

8/1

11582-600

KCAI/ LEAH *2

9030

8/18

9031

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9032

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9033

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9035

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9040

9041

B8220A1-Bk-

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9042

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9043

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9044

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9045

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9046

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9047

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9048

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9049

KCAI

1809

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9050

bx 9/24

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9051

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9052

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9053

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9054

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9055

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9056

B8220A1-Bk-

9057

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9073

B8220A1 - Bk -

8/7

9074

7/30

9075

LEAH

8/3

35

9076

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9077

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9078

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8/5

9080

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9081

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9100

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9101

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9103

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9110

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9111

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9112

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9114

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9116

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9119

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9120

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9123

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9124

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SKBT

9125

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HR

9126

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9127

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9128

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817

9129

815

9130

813

9131

812

9132

815

9133

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9134

811

9135

817

9136

9137

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9139

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9141

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9142

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9144

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STBN

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B8220A1-Bk-

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9169	B8220A1-Bk-	8/4		
9170		8/9		
9171		8/3		
9172		8/9		
9173		7/29		
9174		8/8		
9175	BLMT	8/4		56
	bk 9/24			
9176		8/6		

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7130

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9200

Seeded 5/22

B8220A1-Bk-

9201

8/19

11582-600

9202

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9203

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9204

9/25

poor

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rather

potent

9205

small

later

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with

9206

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B8220A1-Bk-

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11582-600

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PP

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9223

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9224

8/11

KCAI

1809

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9225

C622A-BK-3-1-2-4-2-1

6202

7/26

9226

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9227

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9230

C622A-BK-3-4-5-4-5-1

6210

8/2

9231

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9232

9233

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9234

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9236

C622A-Bk-5-1-2-2-3-1

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6213

9237

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8/1

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9240

8/1

-5

6218	C622A-Bk-5-1-4-4-3-1	8/3	9241
		-2 8/2	9242
		-3 8/3	9243
		-4 8/3	9244
		-5 8/3	9245
6223	C622A-Bk-5-5-5-2-3-1	8/3	9246
		-2 7/31	9247
		-3 8/3	9248

9249

-4

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9250

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SKBT

9251

8/11

HR

C622A-BK-7-2-2-5-1-1

9252

7/27

6231

9253

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7/27

9254

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7/27

9255

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9256

-5

7/28

6235

C622A-BK-7-2-2-5-4-1

7/28

9257

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9258

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9259

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9260

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7/29

9261

6241

C622A-BK-7-5-4-3-5-1

7/30

9262

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9263

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9264

9265

-4

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9266

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7/30

9267

C622A-BK-16-3-2-5-2-1

8/1

6248

9268

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9269

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9270

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9271

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9272

C622A-BK-16-3-3-3-3-1

7/31

6255

-2

7/30

9273

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9274

-4

7/31

9275

-5

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9276

3278

L-201

8/3

9277

6259

C622A-BK-16-5-1-3-2-1

8/3

9278

-2

8/1

9279

-3

8/1

9280

9281

8/2

-4

9282

8/1

-5

9283

C622A-BK-16-5-5-2-3-1

8/2

6265

9284

7/31

-2

9285

7/30

-3

9286

7/31

-4

9287

7/31

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9288

C622A-BK-18-3-4-3-3-1

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6276

-2

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9289

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9290

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9291

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9292

C622A-Bk-22-3-3-1-2-1

6280

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9293

-2

7/27

9294

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9295

-4

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9296

9297		7/28	-5
9298	C622A-Bk-22-4-2-3-4-1	7/29	6287
9299		7/29	-2
9300		7/29	-3
9301		7/29	-4
9302		7/29	-5
9303	C622A-Bk-33-3-4-5-3-1	7/29	6291
9304		7/29	-2

-3

7/29

9305

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9306

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9307

C622A-BK-33-5-5-3-4-1

6297

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9308

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9309

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9310

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9311

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9312

9313

C622A-BK-34-3-2-1-1-1

8/1

6304

9314

-2

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9315

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9316

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9317

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9318

C622A-BK-34-2-5-3-4-1

8/1

6302

9319

-2

8/2

9320

-3

8/1

-4

7/31

9321

-5

8/1

9322

35

LEAH

8/10

9323

6310

C622A-Bx-43-3-2-3-2-1

7/30

9324

-2

7/30

9325

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9326

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9329

C622A-Bk-43-4-4-5-2-1

7/30

6315

9330

-2

7/30

9331

-3

7/30

9332

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7/30

9333

-5

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9334

C622A-Bk-45-3-4-2-1-1

7/29

6319

9335

-2

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9336

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7/29

-4

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9337

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9338

C622A-Bk-45-5-4-4-3-1

6327

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9339

-2

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9340

-3

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9341

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9342

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9343

C622A-Bk-49-2-5-4-3-1

6332

8/1

9344

9345

7/31

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9346

7/30

-3

9347

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-4

9348

8/1

-5

9349

GFMT

8/11

HR

9350

C622A-BK-50-4-4-2-3-1

8/1

6337

9351

7/31

-2

9352

8/1

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7/30

9353

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7/29

9354

C622A-BK-57-5-2-1-4-1

6343

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9355

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9356

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9357

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9358

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9359

C622A-BK-58-2-3-1-4-1

6348

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9360

9361

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-2

9362

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9363

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9364

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9365

C622A-BK-60-3-4-2-4-1

8/1

6354

9366

8/1

-2

9367

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9368

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9369

6357

C622A-BK-63-2-4-3-2-1

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9370

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TBNT

13

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9375

C622A-BK-63-4-3-2-2-1

6362

8/1

9376

9377

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8/1

9378

-3
8/1

9379

too left

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9380

-5
8/1

9381

C622A-BK-72-1-2-4-1

7/31

6369

9382

-2
8/1

9383

-3
7/29

9384

-4
7/30

-5

7/30

9385

C622A-Bk-72-5-4-2-3-1

6373

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9386

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9387

-3

7/29

9388

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7/29

9389

-5

7/29

9390

C622A-Bk-84-3-4-3-3-1

6384

8/6

9391

-2

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9392

9393

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9396

C622A-Bk-87-1-4-5-2-1

7/29

6388

9397

-2
7/29

9398

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7/30

9399

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9400

-5
7/30

6392

C622A-Bk-89-2-1-1-1

7/29

9401

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7/29

9402

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9403

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9404

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6399

C622A-5-4-4-5-3-1

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9406

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9407

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9408

9409

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9410

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7/29

9411

C622A-5-

7/31

6405

9412

7/31

9413

7/31

9414

8/1

9415

8/1

9416

C622A-7-2-2-1-4-1

8/1

6410

-2

8/3

9417

-3

8/3

9418

-4

7/31

9419

-5

8/2

9420

119

L-202

8/5

9421

6412

C622A-7-2-4-5-1-1

8/3

9422

-2

8/3

9423

-3

8/1

9424

9425

-4
8/3

9426

-5
8/3

9427

C622A-10-2-5-1-4-1

8/1

6420

9428

-2
8/1

9429

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9430

-4
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9431

-5
8/2

9432

C622A-12-3-2-4-5-1

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6426

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7/29

9433

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7/29

9434

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8/1

9435

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7/31

9436

6428

C622A-13-3-1-2-1-1

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9437

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9438

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9439

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9440

9441

-5

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9442

C622A-13-3-4-3-3-1

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6435

9443

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9444

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9445

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7/28

9446

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9447

C622A-13-5-4-1-5-1

7/30

6442

9448

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7/30

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9449

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9450

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7/30

9451

54

NWBT

8/12

9452

C622A-14-1-4-2-2-1

6444

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9453

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9454

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9455

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9456

9457

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9458

C622A-16-5-2-4-3-1

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6450

9459

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8/1

9460

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9461

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9462

-5

7/31

9463

C622A-34-1-1-3-4-1

8/3

6457

9464

-2

8/6

-3

8/8

9465

-4

8/8

9466

-5

8/7

9467

C622A-37-3-2-4-1-1

6459

8/4

9468

-2

8/11

9469

-3

8/5

9470

-4

8/3

9471

-5

8/4

9472

9473	C622A-37-4-5-3-4-1	7/29	6467
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9474	-2	7/29	
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9475	-3	7/29	
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9476	-4	7/29	
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9477	-5	7/29	
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9478	LBLE	8/3	16
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9479	C622A-38-2-4-3-2-1	7/31	6470
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9480	-2	7/31	
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-3

7/31

9481

-4

7/30

9482

-5

7/30

9483

C622A-39-5-5-1-3-1

6482

8/2

9484

-2

8/3

9485

-3

8/1

9486

-4

7/31

9487

-5

7/30

9488

9489

8/3

6486

9490

-2

817

9497

-3

9492

-4

9/8

9493

-5

819

9494

C622A-46-4-2-5-2-1

7128

6491

9495

-2-

7/28

9496

-3

-4

7/28

9497

-5

7/28

9498

C622A-47-1-2-5-2-1

6496

7/30

9499

-2

8/1

9500

Block Seeding Dates

8001-8600 5/16

8601-9200 5/16

9201-9800 5/22

B8348A = LMNT/8302022

B8154A1 = B786A3 * F₁ / T603091

B8220A = KCAI / LEAH * 2

C622A = SKBT / L201

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

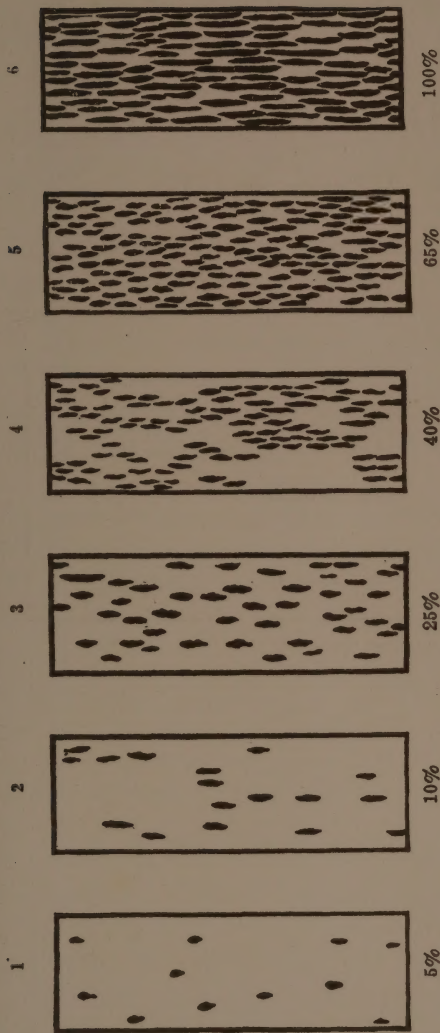


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

9501

C622A-47-1-2-5-2-3

8/1

6496

9502

-4

8/1

9503

-5

7/31

9504

C622A-47-5-4-1-4-1

8/1

6503

9505

-2

8/1

9506

-3

8/1

9507

-4

8/1

9508

-5

7/30

C622A-52-4-3-4-3-1

6507

7/29

9509

-2

7/30

9510

-3

7/29

9511

-4

7/29

9512

-5

7/30

9513

C622A-55-3-4-5-2-1

6511

8/2

9514

-2

8/3

9515

-3

8/1

9516

9501

C622A-47-1-2-5-2-3

8/1

6496

9502

-4

8/1

9503

-5

7/31

9504

C622A-47-5-4-1-4-1

8/1

6503

9505

-2

8/1

9506

-3

8/1

9507

-4

8/1

9508

-5

7/30

C622A-52-4-3-4-3-1

6507

7/29

9509

-2

7/30

9510

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9511

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9512

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9513

C622A-55-3-4-5-2-1

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9514

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8/3

9515

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8/1

9516

9517

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9518

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9519

C622A-55-5-5-5-2-1

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6516

9520

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9521

8/1

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9522

8/1

-4

9523

8/1

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9524

LMNT

8/10

HR

6520	C622A-56-5-5-1-1-1	8/3	9525
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-2

8/4

9526

-3

8/4

9527

-4

8/4

9528

-5

8/4

9529

6530	C622A-62-1-3-1-5-1	7/30	9530
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-2

7/29

9531

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9532

9533

-4
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9534

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9535

C622A-62-4-4-3-4-1
8/5

6534

9536

-2
8/5

9537

-3
8/5

9538

-4
8/5

9539

-5
8/5

9540

C622A-63-3-5-4-4-1
7/29

6539

-2

7/29

9541

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7/29

9542

-4

7/29

9543

-5

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9544

C622A-

6542

8/4

9545

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9546

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9547

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9548

9549

8/4

9550

TR02

8/10

53

9551

C622A-

7/30

6547

9552

7/31

9553

7/31

9554

7/30

9555

7/31

9556

C622A-

8/3

6553

8/1

9557

8/3

9558

8/1

9559

8/5

9560

6559

C622A-

8/1

9561

8/1

9562

8/2

9563

8/2

9564

9565

8/3

C622A-

9566

8/10

6566

9567

8/8

9568

8/6

9569

8/9

9570

8/6

C622A-

9571

8/4

6568

9572

8/4

8/5

9573

8/3

9574

8/2

9575

BOND

14

8/3

9576

C622A-

6574

8/7

9577

8/8

9578

8/7

9579

8/7

9580

9581

8/9

9582

C622A-

8/8

6585

9583

8/7

9584

8/6

9585

8/5

9586

8/5

9587

C622A-

7/28

6589

9588

7/28

7/28

9589

7/28

9590

7/28

9591

C622A-

6594

7/28

9592

7/28

9593

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9594

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9595

7/28

9596

9597	C622A-	7/28		6599
9598		7/28		
9599		7/28		
9600		7/30		
9601		7/28		
9602	C622A-	8/2		6607
9603		8/2		
9604		8/1		

8/3

9605

8/2

9606

6609

C622A-

8/2

9607

8/1

9608

8/1

9609

8/3

9610

8/3

9611

6615

C622A-

7/31

9612

9613

8/3

9614

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9615

8/3

9616

8/3

9617

C622A-

8/4

6621

9618

8/6

9619

8/4

9620

8/5

8/6

9621

LANT

36

8/7

9622

CG22A-

6626

8/3

9623

7/30

9624

- 155 -

8/2

9625

8/1

9626

8/1

9627

CG22A-

6630

7/31

9628

9629

8/2

9630

7/29

9631

8/1

9632

8/1

9633

C622A-

8/2

6636

9634

8/1

9635

8/1

9636

8/1

8/1

9637

C622A-

6640

8/3

9638

8/4

9639

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9640

8/4

9641

8/4

9642

C622A-

6646

8/1

9643

8/1

9644

9645		8/5		
9646		8/5		
9647		8/4		
9648	C622A-	7/30		6650
9649		8/1		
9650		7/30		
9651		7/31		
9652		7/29		

HR	RXMT	8/11	9653
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6658	C622A-	8/5	9654
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		8/5	9655
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		8/7	9656
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		8/5	9657
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		8/6	9658
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6662	C622A-	8/1	9659
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		7/31	9660
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9661

8/1

9662

8/1

9663

8/1

9664

C622A-

8/3

6668

9665

8/3

9666

8/3

9667

8/3

9668

8/3

C622A-

6672

8/10

9669

8/12

9670

8/17

9671

8/19

9672

8/16

9673

NWRX

158

8/13

9674

C622A-

6677

8/11

9675

8/11

9676

9677

8/1

9678

8/1

9679

8/1

9680

C622A-

8/8

6682

9681

8/8

9682

8/6

9683

8/5

9684

8/8

C622A-

6689

7/31

9685

8/1

9686

8/1

9687

7/31

9688

7/31

9689

C622A-

6692

8/5

9690

8/6

9691

8/7

9692

9693		8/5		
9694		8/8		
9695	CG22A-	8/1		6703
9696		8/1		
9697		8/1		
9698		7/3		
9699		8/1		
9700	CG22A-	8/2		6708

8/2

9701

8/2

9702

8/3

9703

8/2

9704

C622A-

6714

8/1

9705

8/1

9706

8/1

9707

8/1

9708

9709

8/1

9710

C622A-

8/1

6723

9711

7/31

9712

8/1

9713

8/1

9714

8/1

9715

C622A-

8/5

6729

9716

8/5

8/5

9717

8/5

9718

8/5

9719

C622A-

6739

8/1

9720

8/1

9721

8/1

9722

8/1

9723

7/31

9724

9725	B3LE	8/8		3173
9726	C622A-	8/3		6744
9727		8/2		
9728		7/31		
9729		8/3		
9730		8/3		
9731	C622A-	8/5		6751
9732		8/5		

8/5

9733

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9734

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9735

6753

C622A-

7/30

9736

7/29

9737

7/30

9738

7/30

9739

7/30

9740

9741

C622A-

8/2

6759

9742

8/2

9743

8/2

9744

8/3

9745

8/2

9746

C622A-

8/3

6764

9747

8/3

9748

8/3

813

9749

813

9750

IR-30

24457

815

9751

C622A-

6777

817

9752

818

9753

817

9754

817

9755

815

9756

C622A-

9757

8/3

6780

9758

8/3

9759

8/3

9760

8/3

9761

8/3

9762

C622A-

8/4

6786

9763

8/1

9764

8/5

8/5

9765

C622A-

6790

8/5

9766

8/3

9767

8/5

9768

8/5

9769

C622A-

6795

7/31

9770

8/1

9771

8/1

9772

9773

8/1

9774

IR-38

24661

9775

C622A-

8/5

6802

9776

8/5

9777

8/5

9778

8/6

9779

C622A-

8/7

6807

9780

8/6

8/5

9781

8/7

9782

C622A-

8/7

9783

8/8

9784

8/7

9785

8/6

9786

C622A-

8/1

9787

8/1

9788

9789

7/31

9790

8/1

C622A-

9791

8/6

6830

9792

8/5

9793

8/5

9794

8/5

9795

8/5

C622A-

9796

8/5

6839

813

9797

813

9798

815

9799

815

9800

7406

C631A-BK5-B-1

7131

9801

-2

7130

9802

-3

7129

9803

-4

7131

9804

9805

-5

7/31

9806

C631A-Bk5-12-1

7/30

7412

9807

-2

7/30

9808

-3

7/30

9809

-4

7/31

9810

-5

7/31

9811

C631A-Bk5-13-1

8/3

7413

9812

-2

7/31

-3

7/31

9813

-4

8/1

9814

-5

8/1

9815

C631A-Bkg-16-1

7416

8/2

9816

-2

8/1

9817

-3

8/2

9818

-4

8/2

9819

-5

8/3

9820

9821

C631A-BK5-17-1

7/30

T417

9822

-2

7/29

9823

-3

7/29

9824

-4

8/1

9825

-5

8/2

9826

LBLE

8/4

16

9827

C631A-BK5-28-1

7/31

T429

9828

-2

7/29

-3

7/29

9829

-4

7/28

9830

-5

7/30

9831

C631A-BK5-33-1

7434

7/28

9832

-2

7/28

9833

-3

7/28

9834

-4

7/28

9835

-5

7/30

9836

9837

C631A-BK5-39-1

7/29

7440

9838

-2

7/29

9839

-3

7/29

9840

-4

7/30

9841

-5

7/29

9842

C631A-BK5-42-1

8/2

7443

9843

-2

8/5

9844

-3

8/5

-4

8/2

9845

-5

8/5

9846

7445

C631A-BK5-44-1

7/29

9847

-2

7/29

9848

-3

7/29

9849

-4

7/29

9850

-5

7/29

9851

1059

RU7402003

8/4

9852

9853

C631A-BK5-47-1

8/1

7448

9854

-2

7/31

9855

-3

8/1

9856

-4

7/31

9857

-5

7/30

9858

C631A-BK5-50-1

8/1

7452

9859

-2

7/31

9860

-3

8/3

-4

8/3

9861

-5

8/4

9862

C631A-BK5-54-1

7456

8/4

9863

-2

8/2

9864

-3

8/3

9865

-4

8/4

9866

-5

8/6

9867

C631A-BK5-56-1

7458

8/1

9868

9869

-2
8/1

9870

-3
8/1

9871

-4
7/30

9872

-5
7/29

9873

C631A-BK5-57-1

8/3

7459

9874

-2
8/1

9875

-3
7/30

9876

-4
7/30

			-5	8/2	9877
13	TBNT			8/5	9878
7465	C631A-BK5-63-1			7/28	9879
			-2	7/28	9880
			-3	7/28	9881
			-4	7/28	9882
			-5	7/28	9883
7471	C631A-BK5-69-1			7/29	9884

9885

-2

7/29

9886

-3

7/30

9887

-4

7/28

9888

C631A-BK5-72-1

-5

7/30

7474

9889

-2

7/28

7474

9890

C631A-BK5-69-5

7/29

7471

9891

C631A-BK5-72-3

7/28

9892

-4

8/1

-5

7/31

9893

C631A-BK5-80-1

7483

7/29

9894

-2

7/29

9895

-3

7/30

9896

-4

8/1

9897

-5

8/1

9898

C631A-BK5-82-1

7485

7/30

9899

-2

7/30

9900

9901

-3

7/30

9902

-4

7/30

9903

-5

7/29

9904

C631A-Bk₅-86-1

7/28

7489

9905

-2

8/1

9906

-3

7/30

9907

-4

7/29

9908

-5

7/29

7490	C631A - Bk5 - 87-1	7/31	9909
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	-2		
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		7/29	
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			9910
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	-3		
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		7/30	
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			9911
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	-4		
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		7/28	
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			9912
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	-5		
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		7/31	
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			9913
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7503	C631A - Bk5 - 100-1	8/1	9914
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	-2		
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		7/30	
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			9915
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	-3		
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		7/30	
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			9916
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9917		-4 7/30	
9918		-5 8/1	
9919	C631A-Brg-102-1	8/1	7505
9920		-2 8/1	
9921		-3 8/5	
9922		-4 8/4	
9923		-5 8/1	
9924	GFMT	8/12	HR

7510	C631A-BK5-107-1	7/31	9925
	-2	8/1	9926
	-3	8/2	9927
	-4	8/1	9928
	-5	8/3	9929
7520	C631A-BK5-117-1	8/1	9930
	-2	7/31	9931
	-3	7/30	9932

9933

-4

7/30

9934

-5

7/30

9935

C631A-BK5-121-1

7/29

7524

9936

-2

7/28

9937

-3

7/30

9938

-4

7/28

9939

-5

7/28

9940

C631A-BK5-122-1

7/29

7526

-2

7/28

9941

-3

7/28

9942

-4

7/28

9943

-5

7/28

9944

C631A - Bkg - 124-1

7528

8/2

9945

-2

8/3

9946

-3

8/5

9947

-4

8/2

9948

9949

-5

8/2

9950

L-202

8/5

119

9951

C631A-BK5-129-1

7/29

7533

9952

-2

7/28

9953

-3

7/30

9954

-4

7/28

9955

-5

8/1

9956

C631A-BK5-130-1

8/2

7534

-2

8/2

9957

-3

8/3

9958

-4

8/4

9959

-5

8/2

9960

C631A-13K5-132-1

7536

8/2

9961

-2

8/2

9962

-3

8/2

9963

-4

8/3

9964

9965

-5
8/2

9966

C631A-BK5-134-1

8/3

7538

9967

-2
8/4

9968

-3
8/4

9969

-4
8/2

9970

-5
8/1

9971

C631A-BK5-140-1

8/3

7544

9972

-2
8/4

-3

7/31

9973

-4

7/31

9974

-5

7/30

9975

L-201

3278

8/1

9976

C631A - Bk₃ - 141 - 1

7545

8/1

9977

-2

8/3

9978

-3

8/1

9979

-4

8/2

9980

9981

8/3

-5

9982

C631A-BK5-144-1

7/30

7548

9983

-2

7/29

9984

-3

7/29

9985

-4

7/29

9986

-5

7/30

9987

C631A-BK5-145-1

7/31

7549

9988

-2

8/1

-3

7/30

9989

-4

7/30

9990

-5

7/30

9991

C631A-BK5-147-1

7552

7/28

9992

-2

7/31

9993

-3

7/29

9994

-4

7/29

9995

-5

7/29

9996

9997	C631A - Bk5 - 148 - 1	7/28		7553
9998		-2 7/28		
9999		-3 7/28		
10000		-4 7/28		
10001		-5 7/28		
10002	C631A - Bk5 - 153 - 1	7/29		7558
10003		-2 8/1		
10004		-3 7/29		

-4

7/29

10005

-5

7/28

10006

C631A-BK5-155-1

7560

7/31

10007

-2

7/31

10008

-3

7/31

10009

-4

8/2

10010

-5

8/2

10011

C631A-BK5-156-1

7561

8/4

10012

10013

-2
8/1

10014

-3
7/29

10015

-4
7/30

10016

-5
7/31

10017

C631A-BK5-163-1

7/31

7568

10018

-2
8/2

10019

-3
8/1

10020

-4
8/1

-5

8/4

10021

BLPT

6773

8/4

10022

C631A-BK₅-165-1

1570

7/31

10023

-2

8/1

10024

-3

8/1

10025

-4

8/4

10026

-5

8/1

10027

C631A-BK₅-167-1

1572

7/29

10028

10029

-2

8/1

10030

-3

7/30

10031

-4

7/28

10032

-5

7/29

10033

C631A-13K5-168-1

7/28

7573

10034

-2

7/29

10035

-3

7/28

10036

-4

7/31

-5

8/1

10037

C631A - Bk5 - 170-1

7576

7/30

10038

-2

8/1

10039

-3

7/31

10040

-4

7/31

10041

-5

7/30

10042

C631A - Bk5 - 173-1

7579

7/29

10043

-2

7/28

10044

10045

-3
7/28

10046

-4
7/29

10047

-5
7/29

10048

C631A-BK5-174-1
7/30

7580

10049

-2
8/3

10050

-3
8/4

10051

-4
8/1

10052

-5
8/1

35	LEAH	8/8	10053
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7584	B631A-BK5-178-1	7/31	10054
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	-2	8/4	10055
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	-3	7/31	10056
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	-4	8/1	10057
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	-5	8/4	10058
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7585	C631A-BK5-179-1	8/5	10059
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	-2	8/4	10060
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10061

-3

8/2

10062

-4

8/5

10063

-5

8/8

10064

C631A-13kg-180-1

8/1

7586

10065

-2

7/31

10066

-3

7/31

10067

-4

8/1

10068

-5

7/30

7588	C631A-BK5-182-1	7/29	10069
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-2

7/29

10070

-3

7/29

10071

-4

7/29

10072

-5

7/28

10073

LBLE-X2-2

3424

8/4

10074

C631A-BK5-185-1

7591

7/29

10075

-2

7/29

10076

10077

-3
7/29

10078

-4
7/30

10079

-5
7/27

10080

C631A-BK5-190-1

7/29

7596

10081

-2
7/29

10082

-3
7/30

10083

-4
8/1

10084

-5
8/1

7608	C631A-Bkg-202-1	7/29	10085
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	-2	7/28	10086
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	-3	7/28	10087
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	-4	7/28	10088
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	-5	7/28	10089
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7611	C631A-Bkg-205-1	7/28	10090
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	-2	7/28	10091
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	-3	7/28	10092
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10093	-4	7/28	
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10094	-5	7/28	
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10095	C631A-BK5-207-1	7/28	7613
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10096	-2	7/28	
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10097	-3	7/28	
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10098	-4	7/30	
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10099	-5	7/29	
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10100	C631A-BK5-209-1	8/3	7615
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-2

7/31

10101

-3

7/31

10102

-4

7/31

10103

-5

7/31

10104

C631A-BK5-211-1

7617

8/3

10105

-2

8/1

10106

-3

8/2

10107

-4

8/1

10108

10109

-5

8/1

10110

C631A-BK5-217-1

8/1

7623

10111

-2

8/1

10112

-3

8/5

10113

-4

8/2

10114

-5

8/3

10115

C631A-BK5-219-1

7/29

7626

10116

-2

7/29

-3

8/1

10117

-4

7/30

10118

-5

8/2

10119

C631A-Bkg-225-1

7632

7/29

10120

-2

7/30

10121

-3

7/30

10122

-4

8/1

10123

-5

7/30

10124

10125	BOND	8/3		14
10126	C631A-BK5-226-1	7/28		7633
10127		-2 7/28		
10128		-3 7/28		
10129		-4 7/28		
10130		-5 7/29		
10131	C631A-BK5-232-1	8/4		7639
10132		-2 8/2		

-3

8/1

10133

-4

8/1

10134

-5

8/1

10135

T643

C631A-BK5-236-1

7/27

10136

-2

7/28

10137

-3

7/28

10138

-4

7/28

10139

-5

7/27

10140

10141 C631A-BK5-238-1 7/31 7645

10142 -2 8/1

10143 -3 7/29

10144 -4 7/28

10145 -5 7/31

10146 C631A-BK5-239-1 8/1 7646

10147 -2 7/31

10148 -3 7/30

-4

8/1

10149

-5

8/2

10150

RXMT

HR

8/5

10151

C631A-BK5-242-1

T649

7/28

10152

-2

7/29

10153

-3

7/30

10154

-4

7/29

10155

-5

7/30

10156

10157	C631A-BK5-244-1	8/4	7652
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10158		-2 8/6	
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10159		-3 8/5	
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10160		-4 8/4	
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10161		-5 8/6	
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10162	C631A-BK5-245-1	7/30	7653
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10163		-2 7/29	
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10164		-3 7/27	
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-4

8/4

10165

-5

7/28

10166

C631A-BK5-251-1

T659

8/1

10167

-2

8/1

10168

-3

7/29

10169

-4

7/31

10170

-5

7/31

10171

C631A-BK5-254-1

T662

7/31

10172

10173	-2 7/30		
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10174	-3 7/30		
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10175	-4 7/30		
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10176	-5 7/29		
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10177	SKBT 8/8	HR
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10178	C631A-BK5-258-1 8/2	T666
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10179	-2 8/1		
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10180	-3 8/1		
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-4

8/1

10181

-5

8/1

10182

C631A-BK5-260-1

7668

7/29

10183

-2

7/30

10184

-3

7/31

10185

-4

7/31

10186

-5

7/30

10187

C631A-BK5-279-1

7671

7/28

10188

10189	-2	7/28	
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10190	-3	7/28	
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10191	-4	8/1	
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10192	-5	7/31	
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10193	C631A-BK5-280-1	7/30	1672
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10194	-2	7/31	
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10195	-3	7/30	
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10196	-4	7/28	
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-5

7/27

10197

C631A-Bk5-284-1

T677

7/29

10198

-2

7/29

10199

-3

7/29

10200

-4

8/3

10201

-5

8/1

10202

C631A-Bk5-285-1

T678

8/1

10203

-2

8/1

10204

10205	-3	8/1
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10206	-4	8/4
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10207	-5	7/31
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10208	C631A-BK5-293-1	8/5	7686
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10209	-2	8/4
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10210	-3	8/5
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10211	-4	8/5
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10212	-5	8/5
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7689 C631A-BK5-296-1

7/29

10213

-2

7/28

10214

-3

7/29

10215

-4

7/29

10216

-5

7/29

10217

7692 C631A-BK5-299-1

7/31

10218

-2

7/30

10219

-3

7/29

10220

10221	-4 7/29		
10222	-5 7/31		
10223	LMNT 8/16		HR
10224	C631A-BK5-310-1 8/3		1703
10225	-2 8/4		
10226	-3 7/31		
10227	-4 8/4		
10228	-5 7/28		

7705	C631A-B x ₅ -312-1	7/29	10229
	-2	7/30	10230
	-3	7/29	10231
	-4	7/29	10232
	-5	7/30	10233
7707	C631A-B x ₅ -314-1	7/31	10234
	-2	7/31	10235
	-3	7/30	10236

10237

-4

7/28

10238

-5

7/28

10239

C631A-BK5-319-1

7/27

7712

10240

-2

7/29

10241

-3

7/29

10242

-4

7/31

10243

-5

7/30

10244

C631A-BK5-324-1

7/28

7717

-2

7/29

10245

-3

7/30

10246

-4

7/28

10247

-5

7/28

10248

7724

C631A-Bk5-331-1

7/29

10249

-2

7/31

10250

-3

8/1

10251

-4

8/2

10252

10253

-5

7/31

10254

C631A-BK5-334-1

7/30

7727

10255

-2

7/29

10256

-3

7/30

10257

-4

7/29

10258

-5

7/30

10259

C631A-BK5-338-1

7/29

7731

10260

-2

8/3

-3

8/4

10261

-4

8/5

10262

-5

8/5

10263

7735

C631A-Bx5-342-1

8/2

10264

-2

7/31

10265

-3

8/2

10266

-4

8/1

10267

-5

8/1

10268

10269	PI 408449	8/21	10948
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10270	B8136A6-Bk ₂ -21-1-1	8/5	8027
	LBNT/315650//BLMT		

10271		-2	
		8/6	

10272		-3	
		8/6	

10273	B8136A6-Bk ₂ -25-4-1	8/5	8040
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10274		-2	
		8/5	

10275		-3	
		8/4	

10276	B8136A1-Bk ₂ -101-1-1	8/3	8207
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-2

8/4

10277

-3

8/4

10278

B8136A6-B_{K2}-109-4-1

8225

8/24

10279

-2

8/2

10280

-3

8/3

10281

B8136A6-B_{K2}-114-4-1

8236

8/16

10282

-2

8/11

10283

-3

8/9

10284

10285	B8136A6-Bk ₂ -118-2-1	8/4	8244
10286		-2 8/5	
10287		-3 8/5	
10288	B8136A6-Bk ₂ -159-2-1	8/8	8306
10289		-2 8/10	
10290		-3 8/11	
10291	B8136A6-Bk ₂ -179-5-1	8/10	8439
10292		-2 8/10	

-3

8/9

10293

B8136A6-Bk₂-188-5-1

8460

8/4

10294

-2

8/4

10295

-3

8/5

10296

BLMT

56

8/7

10297

PI 315650

24591

10298

LBLE-X2-1

3522

8/3

10299

"

"

8/3

10300

10301	C642A-4-5-2-5-4-1 9881/33158V/7801007	7/31	8609
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10302	-2	8/1	
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10303	-3	8/3	
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10304	C642A-12-2-3-4-4-1	8/6	8624
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10305	-2	8/7	
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10306	-3	8/6	
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10307	C642A-22-1-5-1-4-1	8/6	8630
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10308	-2	8/6	
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-3

8/7

10309

C642A-23-2-5-1-3-1

8639

7/30

10310

-2

7/30

10311

-3

7/30

10312

C642A-25-5-5-2-1-1

8642

8/7

10313

-2

8/6

10314

-3

8/6

10315

C642A-28-5-2-4-3-1

8655

8/5

10316

10317		-2 8/5	
10318		-3 8/6	
10319	C642A-29-3-4-3-4-1	8/7	8661
10320		-2 8/8	
10321		-3 8/7	
10322	RU7801007	8/10	1062
10323	C642A-31-5-2-4-2-1	8/9	8664
10324		-2 8/8	

-3

8/9

10325

C642A-33-4-2-1-5-1

8672

8/7

10326

-2

8/7

10327

-3

8/7

10328

C642A-37-2-1-2-4-1

8677

8/8

10329

-2

8/8

10330

-3

8/8

10331

C642A-40-3-1-3-5-1

8683

8/6

10332

10333	-2	8/6	
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10334	-3	8/6	
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10335	C642A-BK-14-4-1-2-1	8/7	8685
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10336	-2	8/6	
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10337	-3	8/8	
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10338	C642A-BK-21-2-4-1-1	8/3	8689
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10339	-2	8/2	
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10340	-3	8/1	
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8696

C642A-Bk-29-5-4-3-1

8/4

10341

-2

8/2

10342

-3

8/4

10343

8705

C642A-Bk-48-2-1-2-1

8/3

10344

-2

8/2

10345

-3

8/3

10346

8731

C642A-Bk-62-3-4-2-1

8/6

10347

-2

8/6

10348

10349		-3 8/6	
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10350	NWRX	8/9	158
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10351	C642A-BK-63-2-3-2-1	8/8	8736
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10352		-2 8/7	
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10353		-3 8/8	
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10354	C642A-BK4-1-4-1	8/4	8743
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10355		-2 8/5	
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10356		-3 8/5	
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8748

C642A-Bky-5-4-1

8/4

10357

-2

8/5

10358

-3

8/5

10359

8755

C642A-Bky-6-5-1

8/12

10360

-2

8/7

10361

-3

8/8

10362

8766

C642A-Bky-15-1-1

8/4

10363

-2

8/4

10364

10365	-3 8/5	
10366	C642A-Bky-17-2-1 8/7	8772
10367	-2 8/5	
10368	-3 8/3	
10369	C642A-Bky-20-2-1 8/8	8778
10370	-2 8/11	
10371	-3 8/11	
10372	C642A-Bky-23-3-1 8/11	8784

-2

8/11

10373

-3

8/8

10374

NWBT

54

8/11

10375

C642A-Bky-24-1-1

8787

8/6

10376

-2

8/7

10377

-3

8/6

10378

C642A-Bky-28-5-1

8801

8/3

10379

-2

8/3

10380

10381		-3 8/2	
10382	C642A-Bky-32-2-1	8/5	8803
10383		-2 8/5	
10384		-3 8/1	
10385	C642A-Bky-33-1-1	8/6	8807
10386		-2 8/5	
10387		-3 8/6	
10388	C642A-Bky-41-3-1	8/5	8819

-2

8/5

10389

-3

8/5

10390

8825

C642A-Br4-48-4-1

8/5

10391

-2

8/5

10392

-3

8/3

10393

8831

C642A-Br4-50-4-1

8/3

10394

-2

8/2

10395

-3

8/3

10396

10397	C642A-BK4-52-2-1	8/3	8834
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10398	-2	8/1	
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10399	-3	8/3	
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10400	IR-24	8/25	22360
	Early rags removed out!		

10401	C642A-BK4-57-2-1	7/31	8839
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10402	-2	8/1	
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10403	-3	8/1	
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10404	C642A-BK4-59-3-1	8/7	8845
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-2 8/9

10405

-3

8/6

10406

8849

C642A-Бк4-61-2-1

8/4

10407

-2

8/6

10408

-3

8/6

10409

8855

C642A-Бк4-66-2-1

8/5

10410

-2

8/3

10411

-3

8/5

10412

10413	C642A-BK4-79-4-1	8/5	8872
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10414	-2	8/5	
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10415	-3	8/8	
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10416	C642A-BK4-86-2-1	8/6	8876
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10417	-2	8/7	
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10418	-3	8/8	
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10419	C642A-BK4-91-3-1	8/8	8887
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10420	-2	8/6	
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-3

8/2

10421

8894

C642A-BK4-94-5-1

8/6

10422

-2

8/8

10423

-3

8/7

10424

HR

LMNT

8/9

10425

8907

C642A-BK4-105-3-1

8/8

10426

-2

8/10

10427

-3

8/9

10428

10429	C642A-BK4-107-1-1	8/7	8910
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10430	-2	8/4	
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10431	-3	8/4	
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10432	C642A-BK4-110-1-1	8/1	8915
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10433	-2	8/2	
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10434	-3	8/2	
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10435	C642A-BK4-119-3-1	8/2	8928
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10436	-2	8/1	
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-3

8/2

10437

8934

C642A-Bky-120-4-1

8/9

10438

-2

8/8

10439

-3

8/8

10440

8944

C642A-Bky-127-4-1

7/31

10441

-2

8/4

10442

-3

8/2

10443

8954

C642A-Bky-134-3-1

8/5

10444

10445	-2 8/3		
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10446	-3 8/2		
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10447	C642A-Bky-138-1-1 8/5	8957	
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10448	-2 8/4		
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10449	-3 8/6		
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10450	RXMT 8/13	HR	
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10451	C642A-Bky-145-4-1 8/4	8965	
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10452	-2 8/6		
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-3

8/5

10453

8967

C642A-BK4-150-1-1

8/6

10454

-2

8/4

10455

-3

8/6

10456

8974

C642A-BK4-152-3-1

8/7

10457

-2

8/7

10458

-3

8/6

10459

8980

C642A-BK4-153-3-1

8/3

10460

10461 -2
8/6

10462 -3
8/6

10463 C642A-B_{ky}-158-4-1
8/4 8991

10464 -2
8/3

10465 -3
8/2

10466 C642A-B_{ky}-159-2-1
8/1 8994

10467 -2
8/9

10468 -3
8/8

8998

C642A-Bky-161-1-1

8/6

10469

-2

8/4

10470

-3

8/4

10471

9007

C642A-Bky-166-5-1

8/11

10472

-2

8/11

10473

-3

8/11

10474

HR

GFMT

8/8

10475

9010

C642A-Bky-170-3-1

8/6

10476

10477

-2

8/6

10478

-3

8/6

10479

CG42A-Bky-176-3-1

8/3

9015

10480

-2

8/5

10481

-3

8/4

10482

CG42A-Bky-178-5-1

8/9

9022

10483

-2

8/7

10484

-3

8/9

9026	C642A-Bky-181-3-1	8/8	10485
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	-2	8/8	10486
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	-3	8/7	10487
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9033	C642A-Bky-188-5-1	8/3	10488
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	-2	8/5	10489
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	-3	8/7	10490
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9039	C642A-Bky-197-1-1	8/9	10491
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	-2	8/9	10492
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10493	-3 8/8	
10494	C642A-BK4-202-3-1 8/6	9046
10495	-2 8/4	
10496	-3 8/4	
10497	C642A-BK4-205-1-1 8/5	9050
10498	-2 8/5	
10499	-3 8/5	
10500	RU7801067 8/6	1057

9056	C642A-Bky-208-2-1	8/6	10501
	-2	8/5	10502
	-3	8/5	10503
9060	C642A-Bky-210-1-1	8/11	10504
	-2	8/2	10505
	-3	7/31	10506
9067	C642A-Bky-214-3-1	8/4	10507
	-2	8/8	10508

10509

-3

8/4

10510

C642A-Bky-215-2-1

8/7

9071

10511

-2

8/8

10512

-3

8/9

10513

C642A-Bky-218-3-1

8/4

9078

10514

-2

8/7

10515

-3

8/6

10516

C642A-Bky-223-1-1

8/4

9086

-2

8/4

10517

-3

8/4

10518

9097

C642A-Bky-228-2-1

8/7

10519

-2

8/7

10520

-3

8/8

10521

9106

C642A-Bky-242-1-1

8/4

10522

-2

8/4

10523

-3

8/4

10524

10525	NWBT	8/12	54
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10526	C642A-Bky-229-5-1	8/4	9105
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10527	-2	8/4	
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10528	-3	8/4	
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10529	C642A-Bky-245-2-1	8/7	9112
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10530	-2	8/8	
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10531	-3	8/7	
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10532	C642A-Bky-247-2-1	8/6	9117
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-2

8/6

10533

-3

8/7

10534

C642A-Bry-254-3-1

9123

8/6

10535

-2

8/6

10536

-3

8/6

10537

C642A-Bry-256-2-1

9128

8/6

10538

-2

8/6

10539

-3

8/7

10540

10541	C642A-Bky-262-4-1	8/4	9140
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10542		-2 8/4	
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10543		-3 8/5	
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10544	C642A-Bky-265-5-1	8/3	9146
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10545		-2 8/3	
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10546		-3 8/3	
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10547	C642A-Bky-269-4-1	8/6	9150
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10548		-2 8/6	
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-3

8/8

10549

TBNT

13

8/5

10550

C642A-BK4-274-2-1

9154

8/8

10551

-2

8/9

10552

-3

8/9

10553

C642A-BK4-290-4-1

9161

8/6

10554

-2

8/6

10555

-3

8/6

10556

10557	C642A-Bky-291-3-1	8/2	9165
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10558		-2 8/3	
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10559		-3 8/3	
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10560	C642A-Bky-297-5-1	8/8	9178
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10561		-2 8/9	
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10562		-3 8/8	
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10563	C642A-Bky-303-3-1	8/4	9181
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10564		-2 8/7	
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-3

8/4

10565

C642A-BK4-306-2-1

9185

8/4

10566

-2

8/5

10567

-3

8/4

10568

C642A-BK4-310-3-1

9191

8/4

10569

-2

8/6

10570

-3

8/6

10571

C642A-BK4-327-3-1

9213

8/4

10572

10573		-2 8/3	
10574		-3 8/3	
10575	LBLE	8/4	16
10576	C642A-BK4-331-4-1	8/6	9219
10577		-2 8/4	
10578		-3 8/6	
10579	C642A-BK4-332-4-1	8/8	9224
10580		-2 8/9	

-3

8/10

10581

9227

C642A-Bky-341-1-1

8/6

10582

-2

8/4

10583

-3

8/7

10584

9234

C642A-Bky-344-3-1

8/6

10585

-2

8/4

10586

-3

8/4

10587

9243

C642A-Bky-350-2-1

8/5

10588

10589

-2
8/5

10590

-3
8/4

10591

C642A-BK4-354-5-1

8/6

9251

10592

-2
8/7

10593

-3
8/6

10594

C642A-BK4-360-5-1

8/3

9267

10595

-2
8/3

10596

-3
8/4

9269	C642A-Bky-363-2-1	8/12	10597
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	-2	8/12	10598
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	-3	8/11	10599
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24556	CC9881	8/11	10600
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9293	C642A-Bky-379-2-1	8/6	10601
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	-2	8/6	10602
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	-3	8/4	10603
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9296	C642A-Bky-380-1-1	8/4	10604
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10605		8/4	-2	
10606		8/4	-3	
10607	PI 408449	8/11		10948
10608	C623A-Bk-2-4-5-5-4-1 SKBT/7402003	7/31		9304
10609		8/1	-2	
10610		8/1	-3	
10611	C623A-Bk-5-3-1-3-4-1	8/3		9909
10612		8/2	-2	

-3

8/1

10613

9313?

C623A-BK-7-1-4-5-3-1

9.13

8/5

10614

-2

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-3

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C623A-BK-8-2-2-5-5-1

9320

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10617

-2

8/4

10618

-3

8/4

10619

C623A-BK-10-4-3-1-2-1

9322

8/4

10620

10621		-2 8/4	
10622		-3 8/3	
10623	C623A-Bk-11-5-3-3-4-1	8/1	9330
10624		-2 8/1	
10625		-3 8/4	
10626	RU7402003	8/4	1059
10627	C623A-Bk-13-3-1-2-1-1	7/31	9332
10628		-2 7/31	

-3

7/30

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C623A-Bk-13-3-1-2-5-1

9336

7/29

10630

-2

7/29

10631

-3

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C623A-Bk-13-3-3-4-3-1

9339

8/1

10633

-2

8/1

10634

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10635

C623A-Bk-14-4-5-5-1-1

9342

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10637

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-2

10638

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-3

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C623A-BK-16-1-3-1-5-1

7/30

9351

10640

7/31

-2

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8/1

-3

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C623A-BK-17-1-1-2-5-1

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9357

10643

7/30

-2

10644

7/30

-3

9360	C623A-Bk-19-5-3-3-3-1	8/5	10645
		-2 8/4	10646
		-3 8/4	10647
9367	C623A-Bk-24-2-5-1-5-1	8/7	10648
		-2 8/7	10649
		-3 8/6	10650
56	BLMT	8/8	10651
9370	C623A-Bk-25-2-1-2-3-1	8/11	10652

10653		8/1	-2	
10654		7/31	-3	
10655	C623A-Bk-26-3-1-1-2-1	8/4		9375
10656		8/5	-2	
10657		8/4	-3	
10658	C623A-Bk-27-2-1-5-3-1	8/3		9381
10659		8/1	-2	
10660		8/1	-3	

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C623A-Bk-27-3-5-1-3-1

8/1

10661

-2

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10662

-3

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10663

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C623A-Bk-30-3-3-2-3-1

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10664

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10665

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10666

9395

C623A-Bk-32-2-3-4-2-1

8/2

10667

-2

8/2

10668

10669		-3 8/2	
10670	C623A-BK-35-5-3-4-5-1	8/8	9403
10671		8/9	-2
10672		8/9	-3
10673	C623A-BK-36-5-3-5-5-1	8/3	9408
10674		7/31	-2
10675		8/3	-3
10676	L-202	8/6	119

9411 C623A-Bk-38-2-2-3-3-1 8/1 10677

-2
8/2 10678

-3
7/31 10679

9418 C623A-Bk-39-5-1-1-5-1 8/4 10680

-2
8/4 10681

-3
8/2 10682

9421 C623A-Bk-43-3-1-3-3-1 8/2 10683

-2
7/31 10684

10685

7/30

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C623A-BK-45-3-1-1-5-1

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9429

10687

8/7

-2

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8/6

-3

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C623A-BK-48-1-1-5-5-1

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-2

10691

8/1

-3

10692

C623A-BK2-1-5-1-3-1

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7/29

10693

-3

7/30

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C623A-Bk₂-3-4-2-4-1

9448

8/4

10695

-2

8/1

10696

-3

8/1

10697

C623A-Bk₂-6-5-4-5-1

9455

7/30

10698

-2

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10699

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10700

10701	C623A-Bk ₂ -9-1-5-2-1	7/31	9457
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10702	-2	8/1	
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10703	-3	7/31	
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10704	C623A-Bk ₂ -11-3-3-3-1	8/4	9463
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10705	-2	8/1	
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10706	-3	8/2	
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10707	C623A-Bk ₂ -13-3-2-2-1	8/1	9467
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-3

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10709

9471

C623A1-Bk₂-20-3-3-1-1

8/1

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-2

8/1

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-3

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10712

9481

C623A-Bk₂-29-3-2-5-1

8/1

10713

-2

8/1

10714

-3

8/1

10715

9485

C623A-Bk₂-36-4-4-4-1

8/1

10716

10717	8/1	-2	
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10718	8/4	-3	
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10719	8/4	C623A-Bk ₂ -51-4-2-5-1	9496
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10720	8/6	-2	
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10721	8/6	-3	
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10722	8/4	C623A-Bk ₂ -56-5-3-2-1	9498
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10723	8/2	-2	
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10724	8/3	-3	
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8/1

10734

-3
8/1

10735

C623A-Bk₂-80-5-1-3-1

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-2
7/30

10737

-3
7/30

10738

C623A-Bk₂-82-4-2-5-1

7/30

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-2
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10740

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9534	C623A-Bk ₂ -87-3-3-2-1	8/1	10741
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		-2 8/1	10742
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		-2 8/3	10748
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10749

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RU8303116

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C623A-Bk₂-93-3-3-2-1

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10756

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-3

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-2
8/2 10758

-3
8/1 10759

9565 C623A-Bk₂-99-1-3-2-1 8/1 10760

-2
8/2 10761

-3
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C623A-BK₂-126-2-1-5-1

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7/30

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10798		-2 7/31	
10799		-3 7/31	
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10802		-2 7/31	
10803		-3 7/30	
10804	C623A-14-4-4-1-1-1	7/28	9646

-2

7/30

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-3

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C623A-18-1-3-3-5-1

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C623A-20-5-4-2-4-1

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8/2

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10823

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LEAH

35

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C623A-31-1-1-4-2-1

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10826

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8/2

10827

-3

7/29

10828

10829	C623A-32-2-4-5-3-1	7/28	9690
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10831	-3	7/30	
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10834	-3	8/1	
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C623A-40-3-1-3-3-1

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C623A-59-1-5-2-4-1

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10860

10861	-2 7/29		
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10862	-3 7/29		
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10863	C623A-61-5-1-5-4-1 8/3	9747	
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10864	-2 8/2		
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10865	-3 8/2		
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10866	C623A-63-5-3-5-4-1 8/3	9753	
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10867	-2 8/4		
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10868	-3 8/4		
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9756	C623A-65-3-1-3-2-1	8/3	10869
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158	NWRX	8/16	10875
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7/31

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C623A-86-1-2-2-3-1

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10885

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8/2

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C623A-91-1-3-1-4-1

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10889

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C623A-BK6-2-3-1

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10900

TTEP

8/27

84/2291

9815	C623A-Bk ₆ -19-5-1	8/4	10901
	-2	8/4	10902
	-3	8/4	10903
9818	C623A-Bk ₆ -20-3-1	8/4	10904
	-2	8/4	10905
	-3	8/4	10906
9823	C623A-Bk ₆ -32-3-1	8/3	10907
	-2	8/2	10908

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-3

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C623A-BK₆-35-3-1

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C623A-BK₆-46-3-1

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7/31

10915

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10916

C623A-BK₆-53-4-1

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C623A-BK₆-54-3-1

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C623A-BK₆-57-2-1

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-2

8/2

10923

-3

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10925	RV8403113	7/30	3
10926	C623A-BK ₆ -61-3-1	8/3	9860
10927		-2 8/4	
10928		-3 8/3	
10929	C623A-BK ₆ -64-5-1	8/2	9872
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10932	C623A-BK ₆ -68-5-1	8/1	9878

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8/3

10933

-3

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9879

C623A-BK₆-71-1-1

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-2

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10936

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9892

C623A-BK₆-79-4-1

8/1

10938

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10939

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10941	C623A-BK ₆ -82-1-1	8/1	9894
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10942		-2 8/4	
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10943		-3 8/6	
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10944	C623A-BK ₆ -83-3-1	8/2	9906
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10947	C623A-BK ₆ -95-1-1	7/31	9914
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-3

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RV8403144

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C623A-B_{K6}-103-3-1

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8/3

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10955

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10956

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10959	-3	8/1	
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C623A-BK₆-129-2-1

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C623A-BK₆-132-2-1

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C623A-Bk₆-145-2-1

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C623A-Bk₆-151-1-1

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C623A-BK₆-166-5-1

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C623A-BK₆-168-2-1

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C623A-BK₆-187-3-1

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MAM

AMBER

(IRAQ)

11000

Block Seeding Dates

9200 - 9800 5/22

9801 - 10400 5/22

10401 - 11000 5/22

C622A = SKBT/L201

C631A = 7402003/LBLE

B8136A = LBNT/315650//BLMT

C642A = 9881/331581//T801007

C623A = SKBT/7402003

Not headed 8/18

9774

7210

11000

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

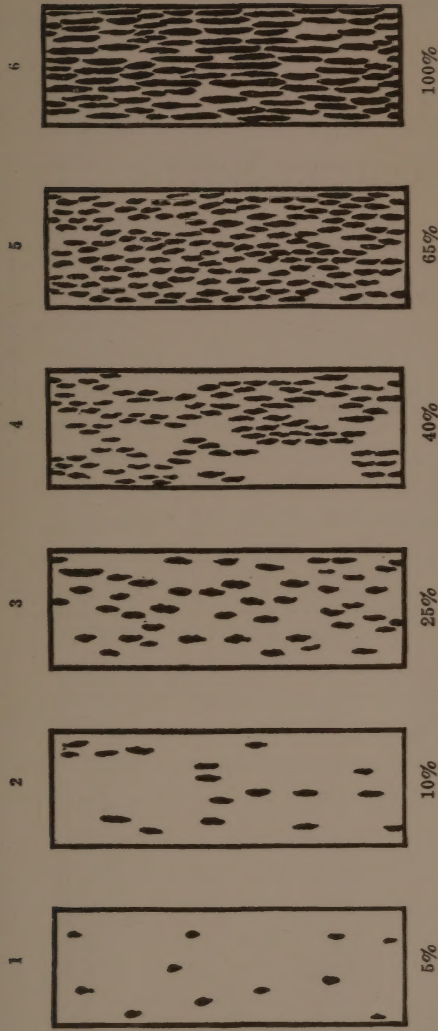


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

11001	C623A-BK ₆ -190-3-1	8/1	10035
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11002	-2	7/30	
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11003	-3	8/1	
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11004	C623A-BK ₆ -193-3-1	8/3	10040
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11005	-2	8/4	
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11006	-3	8/6	
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11007	C623A-BK ₆ -200-3-1	8/8	10051
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11008	-2	8/6	
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-3

8/6

11009

C623A-BK-202-2-1

10055

8/6

11010

-2

8/6

11011

-3

8/6

11012

C623A-BK-207-2-1

10060

8/4

11013

-2

8/4

11014

-3

8/4

11015

C623A-BK-211-5-1

10068

8/1

11016

11017

-2

11018

-3

11019

C623A-BK-216-5-1

10079

11020

-2

11021

-3

11022

C623A-BK-219-2-1

10081

11023

-2

11024

-3

76	STBN	8/16	11025
10088	C623A-BK ₆ -222-4-1	8/2	11026
	-2	8/2	11027
	-3	8/3	11028
10091	C623A-BK ₆ -238-2-1	8/6	11029
	-2	8/5	11030
	-3	8/5	11031
10106	C623A-BK ₆ -244-2-1	8/4	11032

11033 -2
8/3

11034 -3
8/4

11035 C623A-BK₆-246-1-1
8/1

11036 -2
8/1

11037 -3
7/31

11038 C623A-BK₆-248-3-1
8/2

11039 -2
7/29

11040 -3
7/31

10121 C623A-BK6-254-2-1 7/31 11041

-2

7/31

11042

-3

8/1

11043

10128 C623A-BK6-256-3-1

8/8

11044

-2

8/5

11045

-3

8/8

11046

10139 C623A-BK6-263-4-1

8/5

11047

-2

8/2

11048

11049		-3 8/2	
11050	TR02	8/10	53
11051	C623A-BK ₆ -264-4-1	8/11	10144
11052		-2 8/11	
11053		-3 8/13	
11054	C623A-BK ₆ -272-4-1	8/16	10160
11055		-2 8/5	
11056		-3 8/5	

10164	C623A-Bk ₆ -282-3-1	8/6	11057
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-2

8/7

11058

-3

8/6

11059

10170	C623A-Bk ₆ -285-4-1	8/4	11060
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8/4

11060

-2

8/3

11061

-3

8/2

11062

10172	C623A-Bk ₆ -291-1-1	8/4	11063
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8/4

11063

-2

8/5

11064

11065	-3 8/5	
11066	C623A-BK ₆ -297-2-1 8/3	10184
11067	-2 8/2	
11068	-3 8/2	
11069	C623A-BK ₆ -298-3-1 8/1	10190
11070	-2 8/1	
11071	-3 8/4	
11072	C623A-BK ₆ -303-2-1 8/8	10194

-2

8/3

11073

-3

8/7

11074

CB801

3450

8/21

11075

C623A-BK-317-3-1

10210

8/4

11076

-2

8/4

11077

-3

8/4

11078

C623A-BK-322-5-1

10217

8/1

11079

-2

7/31

11080

11081

-3
7/31

11082

C623A-BK₆-326-4-1
8/4

10221

11083

-2
8/2

11084

-3
8/2

11085

PI 408449

8/16

10943

11086

C670A-

8/2

10225

11087

8/4

11088

8/2

11089

11090

11091

11092

11093

11094

11095

11096

11097

11098

11099

11100

11101

11102

11103

11104

8/4

111105

8/4

111106

10254

7/29

111107

7/29

111108

7/29

111109

10258

8/5

111110

8/6

111111

8/6

111112

11113		8/1		10262
11114		7/31		
11115		7/31		
11116		8/4		10265
11117		8/4		
11118		8/5		
11119		7/30		10270
11120		7/30		

7/30

11121

10273

8/3

11122

8/4

11123

8/4

11124

HR

LMNT

8/11

11125

10277

8/1

11126

8/4

11127

8/4

11128

11129	8/2	10282
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11130	8/2	
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11131	8/1	
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11132	8/1	10284
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11133	7/31	
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11134	7/31	
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11135	7/30	10292
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11136	7/30	
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10306

8/3

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10318

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11142

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10319

7/30

11144

11145

7/30

11146

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11147

8/1

10327

11148

8/1

11149

8/1

11150

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1063

11151

8/1

10328

11152

8/1

8/1

11153

10337

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11154

7/31

11155

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11156

10338

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11157

7/27

11158

8/1

11159

10340

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11160

11161

7/31

11162

8/1

11163

8/1

1034

11164

8/1

11165

8/2

11166

8/1

10353

11167

8/1

11168

8/1

10358

7/31

11169

8/1

11170

8/1

11171

10359

8/1

11172

7/31

11173

8/1

11174

16

LBLE²

8/4

11175

10362

8/4

11176

11177

8/5

11178

8/8

11179

7/30

10365

11180

8/3

11181

8/2

11182

8/1

10368

11183

8/1

11184

7/31

10376

8/4

11185

8/1

11186

8/4

11187

10377

7/30

11188

8/1

11189

8/3

11190

10380

8/1

11191

8/1

11192

11193	8/1		
11194	8/1		10392
11195	7/29		
11196	7/29		
11197	Basmati mutant PI 457917		Cro.
11198	Basmati mutant PI 457918		Cro.
11199	Basmati mutant PI 457919		Cro.
11200	Basmati mutant PI 457920		Cro.

C634A-Bk-2-5-4-5-1

10410

7/30

11201

-2

7/30

11202

-3

7/30

11203

10411

8/5

11204

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11205

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11206

10420

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11207

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11209

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10429

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11215

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11216

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10433

8/3

11217

8/6

11218

7/28

11219

7/28

11220

7/28

11221

10491

8/3

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8/2

11223

8/1

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11225	RU7802003	8/7	1058
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11226		8/4	
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11227		8/4	
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11228		8/4	
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11229		8/6	10507
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11230		8/2	
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11231		7/30	
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11232		8/2	10511
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8/3

11233

8/2

11234

PI 408449

10948

8/15

11235

C614A-1-2-3-5-4-1

10518

7/29

11236

-2

8/2

11237

-3

7/29

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10520

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11240

11241

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11242

8/10

11243

8/10

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8/9

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7/30

10542

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7/31

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7/31

11248

7/31

10561

				7/31	11249
				7/31	11250
10568				7/30	11251
				7/31	11252
				7/31	11253
10572				7/31	11254
				7/30	11255
				7/30	11256

11257

7/31

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7/31

11259

7/31

11260

8/1

10584

11261

7/31

11262

7/31

11263

7/28

10589

11264

7/28

				7/28	11265
10593				8/2	11266
				8/1	11267
				7/31	11268
10608				7/31	11269
				7/31	11270
				7/31	11271
10615				8/1	11272

11273		8/1	
11274		7/31	
11275	GFMT	8/8	HR
11276		8/2	10619
11277		8/1	
11278		8/1	
11279		8/1	10640
11280		8/1	

8/1

11281

Severe leaf death!
bacterial crown rot

8/8

11282

bx 9/23

Some crown rot also →

8/6

11283

bx 9/23

8/6

11284

bx 9/23

10666

7/30

11285

7/30

11286

7/30

11287

10672

8/3

11288

11289

8/2

11290

8/2

11291

7/31

10682

11292

8/1

11293

7/31

11294

8/3

10687

11295

8/4

11296

8/3

10759

7/30

11297

7/30

11298

7/30

11299

Basmati 370

24656

11300

C609A-BK-4-2+2-2-1

10702

8/9

11301

9881/331581//1801067

-2

8/8

11302

-3

8/8

11303

10708

8/12

11304

11305

8/13

11306

8/13

11307

8/8

10715

11308

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11309

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11310

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10719

11311

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11312

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10734

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11313

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10743

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11320

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11322

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10750

11323

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11324

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11325

RU7801067

8/4

10757

11326

8/12

10755

11327

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11328

8/13

816

11329

816

11330

814

11331

10765

814

11332

812

11333

812

11334

10769

817

11335

819

11336

11337

8/8

11338

8/9

11339

8/7

11340

8/7

11341

8/11

10781

11342

8/10

11343

8/11

11344

8/2

10791

8/2

11345

8/6

11346

10796

8/4

11347

8/6

11348

8/6

11349

PI 331581

21375

8/13

11350

10803

8/4

11351

8/4

11352

11353

8/4

11354

8/6

10808

11355

8/6

11356

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11357

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10810

11358

8/7

11359

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11360

8/12

10817

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10822

8/14

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11364

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10831

8/16

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8/14

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8/15

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11369		8/4	10838
11370		8/5	
11371		8/2	
11372		8/8	10844
11373		8/6	
11374		8/6	
11375	RXMT	8/12	HR
11376		8/7	10848

				8/9	11377
				8/9	11378
10853				8/9	11379
				8/6	11380
				8/10	11381
10857				8/11	11382
				8/8	11383
				8/3	11384

11385	8/3	10865
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11386	8/4	
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11387	8/8	
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11388	8/5	10868
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11389	8/5	
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11390	8/4	
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11391	8/3	10873
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11392	8/4	
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No plants 11393

10884

8/3

11394

8/4

11395

8/6

11396

10896

8/7

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8/7

11398

8/10

11399

DLA

189

8/7

11400

11401	C609A-	8/8		10911
11402		8/8		
11403		8/7		
11404		8/9		10920
11405		8/7		
11406		8/8		
11407		7/31		10925
11408		7/31		

8/1

11409

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11410

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11414

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11415

10945

8/2

11416

11417

8/8

11418

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11419

PI 408449

8/17

10948

11420

C615A-BK-8-7-2-1-3-1

8/2

11003

9881/331581//7701074

11421

-2
8/2

11422

-3
8/2

11423

8/9

11013

11424

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11425

11020

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11023

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11429

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11440

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11056

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11441

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11443

11060

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11445

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11069

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11450

RU 7701074

8/19

1061

11451

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11083

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11090

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11460

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11461

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11103

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11466

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11471

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11120

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11473

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11474

RU8003050

18952

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11475

11123

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11477

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11495

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11497

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11177

11498

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11499

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11500

CR1113

8/14

11501

8/6

11180

11502

8/6

11503

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11504

8/12

11198

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11505

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11506

W200

8/9

11507

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11508

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11509

W207

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11510

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11228

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11522

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11523

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11524

CI 9902

24571

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11525

11232

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11526

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11528

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11545

8/5

11546

8/6

11547

8/7

11273

11548

8/7

11549

8/7

11550

LMNT

8/11

HR

11551

8/4

11279

11552

8/2

8/2

11553

11288

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11554

8/5

11555

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11556

11294

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11297

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11560

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11303

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11312

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11571

11319

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11572

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11573

8/6

11574

119

L-202

8/4

11575

11326

8/9

11576

11577

8/8

11578

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11579

8/13

11329

11580

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11377

11595

8/9

11596

8/9

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11396

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8/12

11599

8/12

11600

DAWN

8/12

3378

11414	C615A	8/18	11601
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		8/18	11602
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		8/17	11603
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10429		8/19	11604
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		8/19	11605
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		8/19	11606
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10442		8/19	11607
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		8/18	11608
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11609

8/19

11610

8/21

10450

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8/20

10455

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8/21

11615

8/20

11616

8/19

10459

B8269A lines are overall semidwarf with mostly clean leaves; rel. short flgs; about 38 LEAH maturity but some earlier; flgs may be too broad after; good if they have better shig. tolerance

8/19

11617

8/19

11618

10948

PI 408449

8/29

11619

11465

B8269A2-4-1

8/21

11620

LEAH/8003050 * 2

-2

8/25

11621

PP

-3

8/21

11622

11470

B8269A2-9-1

8/24

11623

PP

-2

8/22

11624

11625	-3	8/24	
11626	B8269A2-12-1	8/25	11473
11627	-2	8/27	
11628	-3	8/27	
11629	B8269A2-16-1	8/21	11478
11630	-2	8/23	
11631	-3	8/21	
11632	B8269A2-19-1	8/26	11481

-2

8/25

11633

-3

8/25

11634

B8269A2-24-1

11486

8/22

11635

rel. uniform

-2

8/22

11636

PP

bx 9/23

-3

8/22

11637

B8269A2-25-1

11487

8/29

11638

-2

8/23

11639

-3

8/26

11640

11641	B8269A2-29-1	8/27	11491
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✓
PP

11642	-2	8/25	
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11643	-3	8/31	
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11644	B8269A2-30-1	8/24	11492
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11645	-2	8/23	
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11646	-3	8/22	
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11647	B8269A2-31-1	8/23	11493
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11648	-2	8/21	
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✓
PP

-3

8/24

11649

LEAH

35

8/25

11650

bx 9/23

B8269A2-34-1

11496

8/22

11651

-2

8/24

11652

PP

-3

8/25

11653

B8269A2-36-1

11498

8/25

11654

PP

bx 9/23

-2

8/28

11655

-3

8/26

11656

11657	B8269A2-42-1	8/26	11504
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11658	-2	8/25	
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✓
pp

11659	-3	8/25	
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11660	B8269A2-43-1	8/27	11505
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11661	-2	8/26	
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11662	-3	8/25	
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✓
pp

11663	B8269A2-45-1	8/25	11507
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11664	-2	8/24	
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-3

8/27

11665

11509

B8269A2-47-1

8/20

11666

-2

8/20

11667

-3

8/21

11668

PP ✓

bx 9/23

11511

B8269A2-49-1

8/20

11669

-2

8/25

11670

PP ✓

-3

8/21

11671

11518

B8269A2-56-1

8/26

11672

11673

-2

8/21

11674

-3

8/25

✓ PP

11675

RU8003050

8/27

18952

11676

B8269A2-57-1

8/27

11519

11677

-2

8/22

✓ PP

bk 9/23

11678

-3

8/28

11679

B8269A2-58-1

8/25

11520

11680

-2

8/25

✓ PP

bk 9/23

-3

8/30

11681

B8269A2-68-1

11531

8/26

11682

-2

8/26

11683

-3

8/27

11684

B8269A2-75-1

11538

8/24

11685

✓

PP

-2

8/26

11686

-3

8/27

11687

B8269A2-78-1

11541

8/25

11688

11689

-2

8/26

11690

-3

8/27

11691

B8269A2-91-1

8/25

11554

11692

-2

8/25

✓ PP

bx 9/23

11693

-3

8/21

11694

B8269A2-93-1

8/26

11556

11695

-2

8/25

11696

-3

8/24

✓ PP

bx 9/23

11559	B8269A2-96-1	8/25	11697
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-2

		8/26	11698
--	--	------	-------

PP ✓

BK 9/23

-3

		8/22	11699
--	--	------	-------

11560	B8269A2-97-1		
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		8/23	11700
--	--	------	-------

-2

		8/25	11701
--	--	------	-------

-3

		8/25	11702
--	--	------	-------

PP ✓

11565	B8269A2-102-1		
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		8/25	11703
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-2

		8/25	11704
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Very clean leaves

PP ✓

BK 9/23

11705

-3

8/26

11706

B8269A2-103-1

8/23

11566

✓ PP

bx 9/23

11707

-2

8/25

11708

-3

8/23

✓ PP

bx 9/23

11709

B8269A2-109-1

8/25

11572

✓ PP

11710

-2

8/24

11711

-3

8/25

11712

B8269A2-112-1

8/25

11575

✓ PP

-2

8/25

11713 ✓

PP

bk 9/23

-3

8/24

11714

B8269A2-117-1

11580

8/23

11715

-2

8/23

11716

-3

8/24

11717

PI 408449

10948

11718

C612A-BK-2-2-3-2-2-1

12002

8/21

11719

-2

8/24

11720

11721

-3
8/24

11722

8/21

12008

11723

8/20

11724

8/20

11725

8/23

12015

11726

8/22

11727

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11728

8/18

12018

8/20

11729

8/18

11730

12023

8/21

11731

8/21

11732

8/23

11733

12029

8/29

11734

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11735

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11736

11737	8/22	12033
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11738	8/21	
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11739	8/23	
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11740	8/24	12039
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11741	8/24	
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11742	8/23	
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11743	8/24	12045
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11744	8/21	
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8/23

11745

12049

8/26

11746

8/22

11747

8/22

11748

12054

8/24

11749

8/25

11750

8/25

11751

1059

RUT402003

8/25

11752

Only 2 plants

11753

8/20

12061

11754

8/20

11755

8/21

11756

8/19

12065

11757

8/19

11758

8/21

11759

8/22

12070

11760

8/22

8/22

11761

12078

8/22

11762

8/22

11763

8/25

11764

12082

8/20

11765

8/19

11766

8/20

11767

12086

8/19

11768

11769

8/19

11770

8/22

11771

8/22

12090

11772

8/20

11773

8/20

11774

GFMT

8/26

HR

11775

8/24

12107

11776

8/24

8/20

11777

12111

8/25

11778

8/24

11779

8/24

11780

12117

8/24

11781

8/26

11782

8/25

11783

12121

8/22

11784

11785	8/24		
11786	8/24		
11787	8/24		12/28
11788	8/22		
11789	8/20		
11790	8/24		12/31
11791	8/24		
11792	8/24		

12138

8/24

11793

8/25

11794

8/24

11795

12142

8/20

11796

8/20

11797

8/20

11798

12152

8/20

11799

8/22

11800

11801	8/24		
11802	8/18		12158
11803	8/18		
11804	8/18		
11805	8/18		12163
11806	8/18		
11807	8/18		
11808	8/21		12168

8/21

11809

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11810

12172

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11811

8/18

11812

8/20

11813

12180

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11814

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11815

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11816

11817		8/24	12187
11818		8/24	
11819		8/24	
11820		8/22	12193
11821		8/25	
11822		8/20	
11823	L-202	8/24	119
11824		8/19	12198

8/19

11825

8/18

11826

12208

8/24

11827

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11828

8/22

11829

12215

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11832

11833	8/24	12218
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11834	8/24	
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11835	8/26	
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11836	8/23	12223
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11837	8/18	
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11838	8/18	
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11839	8/19	12230
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11840	8/20	
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8/18

11841

12235

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11842

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11843

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11846

8/23

11847

12244

8/17

11848

11849

8/17

11850

8/17

11851 LBLE

8/28

16

11852

8/18

12250

11853

8/18

11854

8/18

11855

8/19

12255

11856

8/19

8/20

11857

12260

8/23

11858

8/22

11859

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11860

12264

8/20

11861

8/20

11862

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11863

12271

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11864

11865

8/21

11866

8/19

11867

8/24

12275

11868

8/22

11869

8/26

11870

8/26

12280

11871

8/24

11872

8/24

12287

8/23

11873

8/23

11874

8/24

11875

13

TBNT

8/25

11876

12293

8/25

11877

8/26

11878

8/25

11879

12296

8/19

11880

11881

8/24

11882

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11883

8/28

12303

11884

8/29

11885

8/24

11886

8/24

12308

11887

8/24

11888

8/24

12318

8/21

11889

8/21

11890

8/20

11891

12321

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11892

8/20

11893

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11894

12332

8/18

11895

8/18

11896

11897	8/18	
11898	8/18	12343
11899	8/18	
11900	8/18	
11901	8/19	12350
11902	8/18	
11903	8/19	
11904	8/17	12353

8/17

11905

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11906

12359

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11907

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11908

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11909

12364

8/21

11910

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12369

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12375

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12380

11920

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11921

12384

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11922

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11923

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11924

HR

LMNT

9/2

11925

12389

8/20

11926

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11927

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12395

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12402

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11935

8/24

12404

11936

8/21

8/19

11937

12410

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11938

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11939

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11940

12413

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12419

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11946

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11947

8/24

12426

11948

8/23

11949

8/25

11950

RXMT

8/26

HR

11951

8/19

12430

11952

8/21

8/21

11953

12440

8/19

11954

8/19

11955

8/20

11956

12452

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11957

8/23

11958

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11959

12459

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11960

11961

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11962

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11963

8/20

12463

11964

8/20

11965

8/19

11966

8/24

12468

11967

8/25

11968

8/21

12472

8/22

11969

8/21

11970

8/19

11971

12477

8/19

11972

8/19

11973

8/20

11974

BLMT

56

8/29

11975

12482

8/24

11976

11977

8/19

11978

8/20

11979

8/22

12489

11980

8/24

11981

8/21

11982

8/18

12493

11983

8/18

11984

8/19

12510

8/16

11985

8/16

11986

8/14

11987

12514

8/18

11988

8/18

11989

8/19

11990

12531

8/19

11991

8/19

11992

11993

8/19

11994

8/13

12534

11995

8/12

11996

8/12

11997

8/13

12541

11998

8/19

11999

8/19

12000

8/18

12550

8/19

12001

8/20

12002

12554

8/20

12003

8/20

12004

8/20

12005

12561

8/23

12006

8/18

12007

8/18

12008

12009	C612A	8/18	12564
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12010		8/18	
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12011		8/19	
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12012		8/21	12569
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12013		8/21	
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12014		8/21	
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12015		8/21	12577
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12016		8/21	
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8/21

12017

12581

8/19

12018

8/19

12019

8/20

12020

12587

8/21

12021

8/23

12022

8/21

12023

NWBT

54

8/25

12024

12025

8/18

12592

12026

8/20

12027

8/20

12028

8/24

12594

12029

8/22

12030

8/21

12031

8/20

12608

12032

8/19

8/21

12033

12616

8/22

12034

8/21

12035

8/23

12036

12621

8/18

12037

8/18

12038

8/18

12039

12631

8/21

12040

12041

8/19

12042

8/20

12043

8/21

12634

12044

8/20

12045

8/23

12046

8/18

12639

12047

8/19

12048

8/15

RU7703008

1060

8/29

12049

12648

8/23

12050

8/24

12051

8/21

12052

12656

8/20

12053

8/20

12054

8/18

12055

12676

8/19

12056

12057

8/22

12058

8/24

12059

8/24

12681

12060

8/23

12061

8/23

12062

8/22

12685

12063

8/22

12064

8/22

12704

8/19

12065

8/20

12066

8/19

12067

12711

8/19

12068

8/21

12069

8/21

12070

12717

8/18

12071

8/19

12072

12073

8/18

12074

NWRX

8/27

158

12075

8/25

12730

12076

8/25

12077

8/24

12078

8/20

12739

12079

8/20

12080

8/21

12740

8/20

12081

8/20

12082

8/20

12083

12747

8/18

12084

8/19

12085

8/19

12086

12753

8/22

12087

8/23

12088

12089

8/23

12090

8/24

12758

12091

8/23

12092

8/20

12093

8/20

12764

12094

8/18

12095

8/15

12096

LRLE-X2-2

8/19

3424

B8268A lines include many excellent dwfs with short upright flags; very clean leaves; very nice lvs; many sel. early; overall very good; many sel. uniform. 68

3424	LBLE-X2-2	8/19	12097
		8/20	12098
		8/22	12099
		8/22	12100
14401	B8268A1-304-1	8/21	12101
	LEAH/LMNT*F1//NWRX		
	-2	8/19	12102
	uniform across roads br 9/23 Dm; 4/5	8/19	12103
14407	B8268A1-310-1	8/25	12104

12105

-2

8/21

12106

-3

8/24

✓
PP

12107

B8268A1-313-1

8/19

14410

12108

-2

8/21

12109

-3

8/18

✓
PP

bx 9/23

12110

B8268A1-315-1

8/19

14412

12111

-2

8/19

12112

-3

8/20

✓
PP

bx 9/23

14413 B8268A1-316-1

8/26

12113

-2

8/25

12114 ✓

PP

-3

8/25

12115

14419 B8268A1-322-1

8/20

12116

-2

8/20

12117

-3

8/21

12118 ✓

PP

14434 B8268A1-336-1

8/19

12119

-2

8/19

12120 ✓

PP

12121	-3	8/24	
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12122	B8268A1-341-1	8/22	14439
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12123	-2	8/20	
✓ PP			

12124	-3	8/25	
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12125	LEAH	8/24	35
bx 9/23			

12126	B8268A1-346-1	8/25	14444
✓ PP			

12127	-2	8/24	
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12128	-3	8/25	
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B8268A1-347-1

14445

8/21

12129

-2

8/21

12130

-3

8/20

12131

✓
PP

B8268A1-348-1

14446

8/20

12132

-2

8/25

12133

-3

8/25

12134

✓
PP

B8268A1-354-1

14453

8/24

12135

-2

8/19

12136

12137	-3	8/25		
✓ PP				
bk 9/23				
12138	B8268A1-355-1	8/25		14454
12139	-2	8/20		
✓ PP				
12140	-3	8/25		
12141	B8268A1-359-1	8/25		14458
12142	-2	8/25		
✓ PP				
bk 9/23				
12143	-3	8/24		
12144	B8268A1-360-1	8/22		14459

-2

8/20

12145

✓
PP

-3

8/26

12146

✓
PP

B8268A1-361-1

14460

8/29

12147

-2

8/25

12148

-3

8/27

12149

BOND

14

8/19

12150

✓
bx 9/23

B8268A1-363-1

14462

8/25

12151

✓
PP

-2

8/25

12152

✓
PP

12153	-3 8/25		
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12154	B8268A1-367-1 8/24	14466
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12155	-2 8/24	
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✓
PP

12156	-3 8/24	
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12157	B8268A1-369-1 8/27	14468
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12158	-2 8/25	
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✓ PP
bk 9/23

12159	-3 8/25	
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✓ PP
bk 9/23

12160	B8268A1-374-1 8/25	14473
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-2

8/18

12161

-3

8/24

12162

B8268A1-379-1

14479

8/24

12163

-2

8/22

12164

-3

8/20

12165

B8268A1-386-1

14486

8/22

12166

PP

-2

8/24

12167

-3

8/20

12168

PP

	B8268A1-387-1		
12169		8/26	14487
	-2		
12170		8/25	
	-3		
12171		8/25	
	B8268A1-390-1		
12172		8/19	14490
	-2		
12173		8/19	
	-3		
12174		8/19	
✓ PP			
	RU8303181		
12175		8/25	84/HR
bK 9/23			
	B8268A1-391-1		
12176		8/23	14491

-2

8/22

12177

✓

PP

-3

8/25

12178

B8268A1-392-1

14492

8/25

12179

-2

8/25

12180

-3

8/25

12181

B8268A1-395-1

14495

8/26

12182

-2

8/26

12183

-3

8/24

12184

✓ PP

b/c 9/23

12185	B8268A1-422-1	8/19	14522
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12186	-2	8/19	
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12187	-3	8/21	
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12188	B8268A1-427-1	8/25	14526
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12189	-2	8/25	
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12190	-3	8/25	
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12191	B8268A1-430-1	8/19	14531
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12192	-2	8/20	
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-3

8/25

12193

✓
PP

B8268A1-436-1

14537

8/25

12194

-2

8/26

12195

-3

8/29

12196

B8268A1-438-1

14539

8/19

12197

✓
PP

-2

8/24

12198

-3

8/21

12199

RUT903157

7775

8/27

12200

✓
bk 9/23

12201	B8268A1-444-1	8/29		14545
12202	-2	8/25		
12203	-3	8/27		
12204	B8268A1-451-1	8/27		14553
12205	-2	8/26		
12206	-3	8/27		
12207	B8268A1-454-1	8/30		14556
12208	-2	9/3		

-3

8/27

12209

B8268A1-463-1

14565

8/29

12210

-2

9/4

12211

-3

8/31

12212

B8268A1-467-1

14569

8/29

12213

-2

9/2

12214

-3

8/29

12215

B8268A1-473-1

14576

8/25

12216

12217	-2	9/4	
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12218	-3	8/25	
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12219	B8268A1-475-1	8/30	14578
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12220	-2	8/27	
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12221	-3	9/1	
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12222	B8268A1-476-1	9/1	14579
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12223	-2	8/29	
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12224	-3	8/28	
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HR

LMNT

9/1

12225

B8268A1-477-1

14580

8/29

12226

-2

8/31

12227

-3

8/27

12228

B8268A1-481-1

14584

8/28

12229

-2

8/28

12230

-3

8/26

12231

B8268A1-483-1

15586

8/29

12232

12233	-2 9/2		
12234	-3 8/24		
12235	B8268A1-484 - 1 8/26		14587
12236	-2 8/24		
12237	-3 8/28		
12238	B8268A1-488 - 1 8/23		14591
12239	-2 8/25		
12240	-3 8/26		

14592	B8268A1-489-1	8/26	12241
	-2	8/26	12242
	-3	8/24	12243
14594	B8268A1-491-1	8/27	12244
	-2	8/29	12245
	-3	8/25	12246
14598	B8268A1-495-1	8/30	12247
	-2	8/23	12248

12249	-3	8/23	
12250	NWRX	8/27	158
12251	B8268A1-512-1	8/26	14615
12252	-2	8/26	
12253	-3	8/25	
12254	B8268A1-515-1	8/27	14618
12255	-2	8/27	
12256	-3	8/29	

B8268A1-521-1

14624

9/5

12257

-2

9/2

12258

-3

12259

B8268A1-522-1

14626

8/23

12260

-2

8/25

12261

-3

8/24

12262

B8268A1-521-1

14631

9/1

12263

-2

12264

12265		-3 8/26		
12266	B8268A1-531-1	9/4		14635
12267		-2 8/26		
12268		-3 8/27		
12269	B8268A1-532-1	9/3		14636
12270		-2		
12271		-3		
12272	B8268A1-537-1			14641

-2

12273

-3

8/29

12274

35

LEAH

8/29

12275

B8268A1-539-1

14643

8/28

12276

-2

8/25

12277

-3

8/28

12278

B8268A1-551-1

14662

9/5

12279

-2

8/31

12280

		-3		
12281		8/30		
12282	B8268A1-559-1	8/26		14664
12283		-2	8/26	
12284		-3	8/26	
12285	B8268A1-563-1	8/31		14668
12286		-2	8/29	
12287		-3	8/28	
12288	B8268A1-564-1	8/29		14669

-2

8/26

12289

-3

8/26

12290

B8268A1-565-1

14670

8/29

12291

-2

8/27

12292

-3

8/28

12293

B8268A1-568-1

14673

12294

-2

8/31

12295

-3

8/27

12296

12297	B8268A1-574-1	9/5		14680
12298	-2	9/11		
12299	-3			
12300	B8268A1-575-1	8/27		14681
12301	-2	8/28		
12302	-3	8/24		
12303	B8268A1-577-1	8/30		14683
12304	-2	9/11		

-3

8/31

12305

B8268A1-582-1

14688

8/26

12306

-2

8/29

12307

-3

8/26

12308

B8268A1-587-1

14693

8/27

12309

-2

8/27

12310

-3

8/31

12311

B8268A1-589-1

14695

8/24

12312

12313

-2

8/23

12314

-3

8/25

12315

B8268A1-591-1

8/25

14697

12316

-2

8/27

12317

-3

8/25

12318

B8268A1-606-1

8/27

14712

12319

-2

8/25

12320

-3

8/29

10948

PI 408449

12321

15375

B8255A1-4-1

8/25

12322

BLMT/KCAI * F, //8003005

✓
PP

-2

8/23

12323

-3

8/19

12324

15379

B8255A1-8-1

8/19

12325

-2

8/20

12326

-3

8/20

12327

✓
PP

15383

B8255A1-12-1

8/23

12328

✓
PP

12329

-2
8/28

12330

-3
8/22

12331

B8255A1-14-1

8/24

15385

12332

-2

8/25

12333

-3

8/24

12334

B8255A1-15-1

8/23

15386

12335

-2

8/22

12336

-3

8/19

15387

B8255A1-16-1

8/28

12337✓

PP

-2

8/28

12338

-3

8/29

12339

15390

B8255A1-19-1

8/29

12340✓

PP

-2

9/1

12341

-3

8/27

12342

15393

B8255A1-22-1

8/26

12343

-2

8/23

12344

12345

-3

8/24

12346

B8255A1-23-1

8/28

15394

12347

-2

8/26

✓
pp

12348

-3

8/27

12349

8/25

12350

B8255A1-27-1

8/28

15398

✓
pp
☆

12351

-2

8/26

12352

-3

8/28

15399	B8255A1-28-1	8/26	12353
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-2

8/25 12354

pp

-3

8/24 12355

pp

15404	B8255A1-33-1	8/25	12356
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-2

8/26 12357

-3

8/28 12358

pp

15406	B8255A1-35-1	8/28	12359
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-2

8/27 12360

pp

12361

8/31

-3

-3

12362

B8255A1-37-1

8/27

15408

12363

-2

8/29

✓ PP

12364

-3

8/30

12365

B8255A1-38-1

8/27

15409

12366

-2

8/27

12367

-3

8/30

✓ PP

12368

B8255A1-41-1

8/30

15412

-2

8/29

12369

-3

8/29

12370

B8255A1-53-1

15424

8/26

12371

-2

8/29

12372

-3

8/29

12373

KCAI

1809

8/24

12374

B8255A1-55-1

15427

9/6

12375

-2

9/1

12376

12377	-3	8/27	
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12378	B8255A1-59-1	8/30	15431
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12379	-2	8/29	
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✓ PP

12380	-3	8/26	
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12381	B8255A1-62-1	8/29	15434
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12382	-2	8/29	
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12383	-3	8/26	
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✓ PP

12384	B8255A1-63-1	8/24	15435
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-2

8/25

12385

-3

8/28

12386

PP ✓

B8255A1-66-1

15438

8/27

12387

-2

8/26

12388

-3

8/19

12389

B8255A1-68-1

15440

8/26

12390

PP ✓

-2

8/27

12391

-3

8/28

12392

12393	B8255A1-69-1	8/22	15441
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12394	-2	8/20	
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12395	-3	8/21	
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✓ pp

12396	B8255A1-75-1	8/29	15447
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✓ pp

12397	-2	8/30	
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12398	-3	8/29	
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12399	B8255A1-76-1	9/1	15448
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12400	-2	9/1	
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✓ pp

-3

8/25

12401

B8255A1-79-1

15452

8/27

12402

PP ✓

-2

8/29

12403

-3

8/26

12404

B8255A1-81-1

15454

8/23

12405

PP ✓

-2

8/22

12406

-3

8/24

12407

PP ✓

B8255A1-82-1

15455

9/11

12408

12409

-2
9/1

12410

-3
8/28

✓
PP

12411

B8255A1-85-1

8/26

15458

12412

-2

8/26

12413

-3

8/28

✓
PP

12414

B8255A1-86-1

8/26

15459

12415

-2

8/24

✓
PP

12416

-3

8/22

15460	B8255A1-87-1	8/25	12417
	-2	8/29	12418 PP ✓
	-3	8/30	12419
15461	B8255A1-88-1	8/22	12420 PP ✓
	-2	8/28	12421 PP ✓
	-3	8/24	12422
15465	B8255A1-92-1	8/20	12423
	-2	8/20	12424

12425

✓ PP

-3

8/29

12426

BLMT

8/30

56

12427

B8255A1-97-1

8/19

15470

12428

-2

8/26

12429

-3

8/25

✓ PP

12430

B8255A1-101-1

8/24

15475

12431

-2

8/22

✓ PP

12432

-3

8/24

15477	B8255A1-103-1	8/24	12433
	-2	8/23	12434
	-3	8/24	12435 ✓ PP
15479	B8255A1-105-1	8/26	12436 ✓ PP
	-2	8/25	12437
	-3	8/26	12438
15482	B8255A1-108-1	8/25	12439
	-2	8/25	12440

12441

-3
8/25

12442

B8255A1-111-1

8/20

15485

12443

-2

8/26

12444

-3

8/27

12445

B8255A1-116-1

8/29

15490

12446

-2

8/29

12447

-3

8/25

12448

B8255A1-117-1

8/29

15491

✓ PP

-2

8/29

12449

-3

8/29

12450

HR

GFM T

9/4

12451

15496

B8255A1-122-1

8/25

12452

✓
PP

-2

8/29

12453

-3

8/26

12454

15497

B8255A1-123-1

8/28

12455

-2

8/31

12456

12457

9/3

-3

12458

B8255A1-127-1

8/25

15501

12459

-2

8/23

12460

-3

8/27

12461

B8255A1-128-1

8/26

15502

12462

-2

8/26

12463

-3

8/29

✓ PP

12464

B8255A1-131-1

8/25

15505

-2

8/25

12465

✓
PP

-3

8/26

12466

B8255A1-133-1

15507

8/26

12467

-2

8/27

12468

-3

8/26

12469

B8255A1-134-1

15508

8/25

12470

-2

8/28

12471

✓
PP

-3

8/30

12472

	B8255A1-136-1			
12473		8/31		15510
	-2			
12474		8/27		
✓ PP				
	-3			
12475		8/28		
	SKBT			
12476		8/31		HR
	B8255A1-138-1			
12477		8/28		15512
✓ PP				
	-2			
12478		8/27		
	-3			
12479		8/26		
	B8255A1-139-1			
12480		8/25		15513

-2

8/26

12481

✓
PP*mfts or l-mfts*

-3

8/25

12482

B8255A1-141-1

15515

8/22

12483

PP

-2

8/22

12484

mfts

-3

8/28

12485

B8255A1-144-1

15518

8/26

12486

✓
PP

-2

8/24

12487

✓
PP

-3

8/27

12488

12489	B8255A1-145-1	8/29	15519
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✓
PP

12490	-2	8/20	
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12491	-3	8/24	
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✓
PP

12492	B8255A1-150-1	8/21	15524
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12493	-2	8/23	
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✓
PP

12494	-3	8/23	
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12495	B8255A1-156-1	8/19	15531
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12496	-2	8/21	
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-3

8/25

12497

✓
PP

B8255A1-157-1

15532

8/26

12498

-2

8/26

12499

-3

8/25

12500

PP

Block Seeding Dates

11001 - 11600 5/22

11601 - 12200 6/2

12201 - 12800 6/2

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

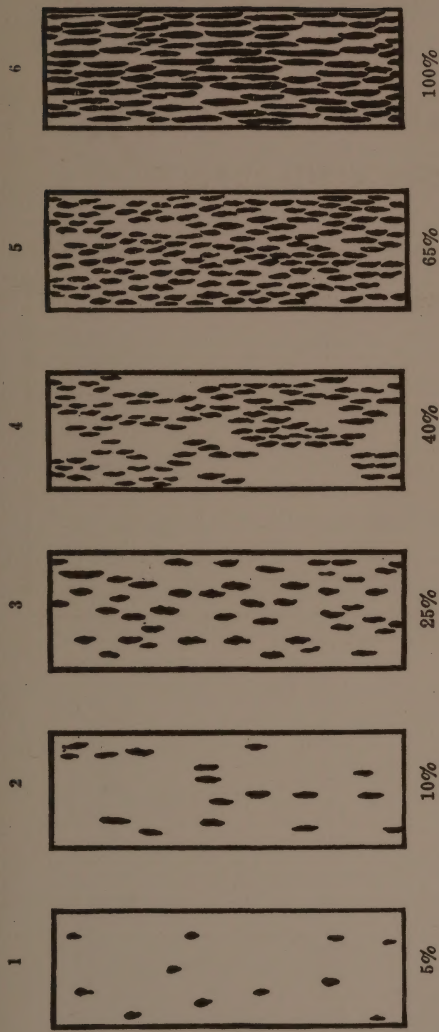


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

12501	B8255A1-159-1	8/26	15534
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12502	-2	8/25	
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12503	-3	8/23	
-------	----	------	--

✓
18

12504	B8255A1-164-	8/26	15539
-------	--------------	------	-------

12505		8/27	
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✓
18

12506		8/26	
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12507	B8255A1-166-	8/25	15541
-------	--------------	------	-------

12508		8/25	
-------	--	------	--

✓
18

8/25

12509

B8255A1-170-

15545

8/21

12510

8/19

12511

PP ✓

8/26

12512

B8255A1-171-

15546

8/18

12513

8/22

12514

8/22

12515

PP ✓

B8255A1-172-

15547

8/24

12516

PP ✓

12517

8/24

12518

8/24

12519

B8255A1-174-

8/24

15549

✓ PP

12520

8/26

12521

8/26

12522

B8255A1-175-

8/23

15551

12523

8/23

12524

8/29

✓ PP

54 NWBT

8/26

12525

15554 B8255AI-178-

8/24

12526

8/24

12527

8/24

12528

15556 B8255AI-180-

8/27

12529

8/21

12530

PP

8/26

12531

PP

15557 B8255AI-181-

8/25

12532

PP

12533

8/19

12534

8/26

12535

B3255A1-184-

8/26

15560

✓
PP
12536

8/29

12537

8/26

12538

B3255A1-185-

8/21

15561

✓
PP
12539

8/26

12540

8/19

15562 B8255A1-186-

8/22

12541

8/23

12542

8/25

12543

✓
PP

15561 B8255A1-191-

8/26

12544

8/24

12545

✓
PP

8/25

12546

15572 B8255A1-196-

8/26

12547

8/26

12548

12549

8/27

12550

B8255A1-201-

8/22

15518

12551

8/26

12552

8/24

12553

B8255A1-208-

8/21

15585

12554

8/27

12555

8/24

12556

B8255A1-211-

8/27

15588

myt + myt

8/26

12557

pp

8/26

12558

PI 408449

10948

9/5

12559

B8271A1-

24172-90

8/25

12560

LEAH/8003050 * F, // 7902156

8/26

12561

8/26

12562

8/29

12563

8/26

12564

12565

8/27

24172-90

12566

8/27

12567

9/4

12568

8/31

12569

9/5

12570

8/29

12571

8/28

12572

8/26

9/1

12573

8/25

12574

8/31

12575

8/27

12576

9/1

12577

8/31

12578

8/28

12579

8/28

12580

12581

9/6

24172-90

12582

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12583

8/31

12584

8/30

12585

9/1

12586

8/29

12587

8/25

12588

8/26

8/29

12589

8/27

12590

8/31

12591

8/31

12592

8/28

12593

9/1

12594

8/27

12595

8/25

12596

12597

8/25

24172-90

12598

8/27

12599

8/25

12600

8/28

12601

8/26

12602

8/24

12603

8/26

12604

9/8

8/28

12605

8/28

12606

8/27

12607

8/23

12608

8/22

12609

8/26

12610

8/31

12611

8/26

12612

12613

8/27

24/72-90

12614

8/28

12615

8/31

12616

8/31

12617

9/3

12618

8/30

12619

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12620

8/31

8/31

12621

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12622

8/25

12623

8/28

12624

RU8003050

18952

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12625

8/19

12626

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12627

8/28

12628

12629	B8271A1-	8/23	24172-90
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12630		8/28	
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12631		8/27	
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12632		8/23	
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12633		8/23	
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12634		8/28	
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12635		9/3	
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12636		8/29	
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-14173E

01-5114

8/28

12637

8/25

12638

8/26

12639

8/23

12640

8/28

12641

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12642

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12643

8/30

12644

12645	B8271A1-	8/28	24172-90	
12646		8/25		
12647		8/28		
12648		8/23		
12649		8/24		
12650	LBNT.	8/25	36	
12651		8/27		
12652		8/26		

8/30

12653

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12654

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12655

8/31

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12657

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12658

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12659

8/26

12660

12661	B8271A1-	8/29	24/12-90
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12662		8/25	
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12663		8/25	
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12664		8/31	
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12665		8/25	
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12666		8/21	
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12667		8/31	
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12668		8/22	
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8/29

12669

8/28

12670

9/4

12671

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12672

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12673

8/30

12674

HR

RXMT

9/5

12675

8/29

12676

B8271A1-

12677

8/25

24172-90

12678

9/6

12679

8/27

12680

8/27

12681

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12682

8/30

12683

8/29

12684

9/1

8/26

12685

9/5

12686

8/29

12687

8/28

12688

8/21

12689

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12690

8/25

12691

8/27

12692

12693	B8271A1-	8/30	24172-90
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12694		8/24	
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12695		8/21	
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12696		8/21	
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12697		8/29	
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12698		8/29	
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12699		8/28	
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12700		8/31	
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8/26

12701

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12702

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12703

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12704

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12705

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12706

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12707

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12708

B8271A1-

8/26

24172-90

12709

12710

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12711

9/2

12712

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12713

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12714

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12715

8/29

12716

8/25

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12717

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12718

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12719

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12720

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12721

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12722

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12723

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12724

12725	BOND	8/23		14
12726	B8271A1-	8/31		24172-90
12727		8/28		
12728		8/28		
12729		8/28		
12730		8/26		
12731		8/27		
12732		8/31		

8/27

12733

9/1

12734

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12735

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12739

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12740

12741

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12742

8/29

12743

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12744

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12745

8/31

12746

9/1

12747

8/27

12748

8/30

				8/24	12749	
13	TBNT			8/26	12750	
				8/29	12751	
				8/25	12752	
				8/29	12753	
				8/26	12754	
				8/29	12755	
				8/22	12756	

12757	B8271A1-	8/30	24172-90
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12758		8/27	
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12759		8/27	
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12760		8/25	
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12761		8/31	
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12762		8/28	
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12763		8/25	
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12764		8/30	
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12765

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12766

9/1

12767

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12768

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12769

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12770

RU8003005

3226

8/22

12771

B827IAI-

24172-90

bk

8/26

12772

12773	B82TIAI-	8/26	24172-90	bx	↓
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12774		8/26			
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12775		8/27			
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12776		8/25			
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12777		8/25			
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12778		8/26			
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12779		8/26			
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12780		8/25			
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B827(A)-

24172-90

bk

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8/29

12781

8/26

12782

8/25

12783

8/24

12784

8/27

12785

8/24

12786

8/24

12787

8/25

12788

12789	B8271A1-	8/25	24172-90 bk
12790	"	8/25	"
12791	BB50 ² /JJLA	9/3	2591-2600 ↓
12792	"	9/2	
12793	"		
12794	"	9/3	
12795	"	9/4	
12796	"		

2591-2600	BB 50 ² /JJLA	9/3	12797
↓			
	"	9/4	12798
	"	9/4	12799
	"	9/4	12800
2205	Mutica (-40) -1	8/18	12801
	-2	8/13	12802
	-3	8/8	12803
	-4	8/11	12804

12805

-5

8/18

12806

B775A1-212-4-5-1

8/17

2206

12807

-2

8/16

12808

-3

8/18

12809

-4

8/28

12810

-5

8/22

12811

B775A1-212-5-8-1

8/21

2208

12812

-2

8/19

-3

8/18

12813

-4

8/19

12814

-5

8/22

12815

BT75A1-195-5-6-1

2211

8/21

12816

-2

8/19

12817

-3

8/20

12818

-4

8/13

12819

-5

8/18

12820

12821	B775A1-212-1-8-1	8/17	2217
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12822	-2	8/13	
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12823	-3	8/14	
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12824	-4	8/12	
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12825	-5	8/15	
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12826	B775A1-193-3-3-1	8/15	2219
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12827	-2	8/13	
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12828	-3	8/12	
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-4

8/12

12829

-5

8/12

12830

B775A1-193-2-5-1

2220

8/15

12831

-2

8/13

12832

-3

8/8

12833

-4

8/12

12834

-5

8/13

12835

B775A1-212-1-7-1

2224

8/10

12836

12837

-2
8/11

12838

-3
8/12

12839

-4
8/13

12840

-5
8/19

12841

B775A1-193-3-5-1

8/11

2226

12842

-2
8/16

12843

-3
8/9

12844

-4
8/12

-5

8/19

12845

B775A1-195-5-7-1

2230

8/19

12846

-2

8/14

12847

-3

8/14

12848

-4

8/20

12849

-5

8/14

12850

VSTA (-16) - 1

2235

8/17

12851

-2

8/18

12852

12853

-3
8/18

12854

-4
8/17

12855

-5
8/18

12856

B775A1-193-7-5-1
8/20

2236

12857

-2
8/22

12858

-3
8/20

12859

-4
8/19

12860

-5
8/20

B775A1-21-5-4-1

2238

8/10

12861

-2

8/11

12862

-3

8/17

12863

-4

8/13

12864

-5

8/15

12865

B775A1-212-1-6-1

2239

8/17

12866

-2

8/19

12867

-3

8/19

12868

12869

-4
8/18

12870

-5
8/17

12871

B775A1-193-2-8-1

8/20

2240

12872

-2
8/20

12873

-3
8/17

12874

-4
8/19

12875

-5
8/20

12876

B775A1-119-1-4-1

8/15

2248

-2

8/15

12877

-3

8/16

12878

-4

8/16

12879

-5

8/15

12880

B775A-193-3-4-1

2252

8/20

12881

-2

8/20

12882

-3

8/14

12883

-4

8/15

12884

12885

-5

8/24

12886

B775A1-212-5-3-1

8/21

2251

12887

-2

8/21

12888

-3

8/19

12889

-4

8/19

12890

-5

8/19

12891

B775A1-212-5-2-1

8/17

2253

12892

-2

8/16

-3

8/19

12893

-4

8/19

12894

-5

8/17

12895

B775A1-212-1-2-1

2256

8/20

12896

-2

8/11

12897

-3

8/19

12898

-4

8/12

12899

-5

8/17

12900

12901	B775A1-109-1-7-1	8/24	2267
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12902	-2	8/25	
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12903	-3	8/24	
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12904	-4	8/24	
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12905	-5	8/24	
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12906	B775A1-212-5-7-1	8/21	2273
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12907	-2	8/18	
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12908	-3	8/14	
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-4

8/22

12909

-5

8/20

12910

B775A1-212-5-10-1

2282

8/25

12911

-2

8/26

12912

-3

8/25

12913

-4

8/20

12914

-5

8/27

12915

B775A1-212-4-9-1

2285

8/26

12916

12917

9/12

-2

12918

8/17

-3

12919

8/26

-4

12920

8/10

-5

12921

LMNT

9/5

HR

12922

B8129A1-Bk7

LMNT/MTCA

8/26

PR10951-90

bK

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12923

8/19

12924

8/20

8/17

12925

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12926

8/23

12927

8/19

12928

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12929

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12930

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12931

8/18

12932

12933	B8129A1-Bk7	8/18	PR 10951-90 BK ↓
12934		8/18	
12935		8/18	
12936		8/17	
12937		8/18	
12938		8/17	
12939		8/20	
12940		8/25	

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12944

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8/21

12948

12949	B8129A1-Bk7	8/22	PR10951-90
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12950	LBLE	8/24	16
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12951		8/25	
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12952		8/22	
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12953		8/23	
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12954		8/23	
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12955		8/18	
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12956		8/22	
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12959

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12960

8/18

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12962

8/24

12963

8/25

12964

12965	B8129A1-Bk7	8/22	PR10951-90 bk ↓
12966		8/18	
12967		8/21	
12968		8/24	
12969		8/25	
12970		8/29	
12971		8/25	
12972		8/26	

B8129A1-Bk7

PR 10951-90

8/25

12973

8/25

12974

8/25

12975

8/22

12976

8/24

12977

8/22

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8/25

12979

8/24

12980

12981	NWRX	-		158
12982	B8360A1-BK-1	8/21	23982-24059	
	DLLA//NWRX/BLMT			
12983	-2	8/29		
12984	-3	8/19		
12985	-4	8/23		
12986	-5	8/26		
		AC		
12987	-6	8/21		
12988	-7	8/25		

Note: sc = scented plants in the indicated row;
not necessarily homozygous scented. **30**
Not very promising material

-8

8/26

12989

-9

8/19

12990

-10

8/13

12991

-11

8/18

12992

-12

8/24

12993

-13

8/27

12994

-14

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12995

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8/23

12996

12997

B8360A1-BK-16

8/21

23982-24059

12998

-17

8/20

12999

-18

8/21

13000

-19

8/25

13001

-20

8/21

✓ pp

13002

-21

8/21

ac

13003

-22

8/21

13004

-23

8/20

-24

8/27

13005

-25

8/25

13006

-26

8/24

13007

-27

8/24

13008

-28

8/25

13009

-29

8/21

13010

-30

8/20

13011

-31

8/23

13012

13013	B8360A1-BK-32 8/28	23982-24059
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13014	-33 8/25	
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13015	-34 8/29	
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13016	-35 8/24	
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13017	-36 8/23	
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13018	-37 8/24	
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13019	-38 8/23	
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13020	-39 8/25	
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-40

8/24

13021

-41

8/21

13022

-42

8/19

13023

-43

8/22

13024

TBNT

13

8/25

13025

-44

8/17

13026

-45

8/24

13027

-46

8/25

13028

sc = scouted

13029

B8360A1-BK-47

8/20

23982-24059

13030

-48

8/20

13031

-49

8/17

13032

-50

8/18

ac

13033

-51

8/25

13034

-52

8/22

13035

-53

8/17

✓ PP
13036

-54

8/20

-55

8/19

13037

-56

8/21

13038

-57

8/24

13039

-58

8/24

13040

-59

8/22

13041

pp ✓

-60

8/22

13042

-61

8/20

13043

pp ✓

-62

8/20

13044

13045	B8360A1-BK-63	8/22	23982-24059
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13046	-64	8/23	
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13047	-65	8/18	
✓ PP	AC		

13048	-66	8/19	
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13049	-67	8/21	
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13050	BLMT	8/28	56
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13051	-68	8/23	
✓ PP			

13052	-69	8/22	
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-70

8/22

13053

-71

8/23

13054

-72

8/19

13055

-73

8/19

13056

ac

-74

8/20

13057

-75

8/20

13058

-76

8/21

13059

-77

8/21

13060

13061	B8360A1-BK-78	8/19	23982-24059
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13062	-79	8/17	
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13063	-80	8/23	
✓ PP			

13064	-81	8/21	
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13065	-82	8/18	
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13066	-83	8/25	
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13067	-84	8/21	
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13068	-85	8/22	
✓ PP			
		PC	

-86

8/22

13069

-87

8/20

13070

-88

8/22

13071

-89

8/23

13072

-90

8/23

13073

-91

8/23

13074

DLA

189

8/29

13075

tij overn; op op

-92

8/24

13076

13077	B8360A1-Bx-93	8/24	23982-24059
13078	-94	8/26	
13079	-95	8/19	
13080	-96	8/18	
13081	-97	8/25	
13082	-98	8/24	
13083	-99	8/25	
13084	-100	8/25	

-101

8/26

13085

-102

8/24

13086

-103

8/18

13087

-104

8/25

13088

-105

8/21

13089

-106

8/20

13090

-107

8/24

13091

-108

8/24

13092

13093	B8360A1-Bk-109	8/24	23982-24059
13094		-110 8/25 ac	
13095		-111 8/24	
13096		-112 8/21	
13097		-113 8/30	
13098		-114 9/2	
13099		-115 8/27	
13100		-116 8/30	

-117

8/20

13101

-118

8/18

13102

-119

8/20

13103

-120

8/19

13104

-121

8/20

13105

-122

8/21

13106

-123

8/21

13107

-124

8/18

13108

Ac

✓
FF

B8360A1-BK-125

13109

8/26

23982-24059

AC

-126

13110

8/23

✓
PP

-127

13111

8/19

✓
PP

-128

13112

8/18

-129

13113

8/25

-130

13114

8/23

-131

13115

8/24

-132

13116

8/23

-133

8/23

13117

PP ✓

-134

8/23

13118

-135

8/24

13119

-136

8/20

13120

-137

8/18

13121

-138

8/18

13122

-139

8/18

13123

-140

8/18

13124

13125	RXMT	8/29		HR
13126	B8360A1 - Bk - 141	8/24	23982-24059	
13127	-142	8/18		
13128		8/20		
13129	-144	8/19		
13130		8/26		
13131		8/18		
13132		8/18		

-148

8/24

13133

PP ✓

8/24

13134

8/27

13135

8/19

13136

8/18

13137

8/18

13138

-154

8/20

13139

PP ✓

-155

8/18

13140

PP ✓

B8360A1-BK-156

13141

8/21

23982-24059

13142

8/26

13143

8/26

13144

-159

8/24

✓
PP

13145

8/19

13146

8/28

13147

8/20

13148

-163

8/18

✓ PP

-164

170220

8/17

13149

L-202

8/21

13150

8/20

13151

PT -

8/19

13152

8/19

13153

8/19

13154

8/19

13155

-170

8/18

13156

PP

B8360A1-Bc-171

13157

8/18

23982-24059

13158

-172

8/18

✓
PP

13159

8/24

13160

-174

8/18

✓
PP

13161

-175

8/18

✓
PP

13162

8/23

13163

8/24

13164

8/25

-179

8/22

13165

8/18

13166

-181

8/17

13167

pp ✓

8/20

13168

8/24

13169

8/23

13170

-185

UHM

8/19

13171

A+

pp ✓

8/25

13172

13173 B8360A1-BK- 187 8/22 23982-24059

✓ PP

13174 8/22

13175 GFMT 8/28 HR

13176 -190 8/22

✓ PP

13177 8/26

13178 8/25

13179 8/25

13180 8/19

-195

8/18

13181

7/24

13182

7/22

13183

-198

7/24

13184

ac?

pp

8/19

13185

-200

dwf

7/24

13186

ac

pp

8/19

13187

-202

8/19

13188

pp

B8360A1-BK-203

13189

8/19

23982-24059

-204

13190

8/18

✓
PP

13191

8/18

13192

8/16

13193

8/20

13194

8/18

13195

8/18

13196

8/25

-211

8/20

13197

8/19

13198

8/25

13199

8/20

13200

8/18

13201

8/20

13202

8/22

13203

8/19

13204

13205	B8360A1-BK-219	8/18	23982-24059
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13206		8/18	
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13207		8/25	
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13208	-222	8/23	
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✓ PP	UHM; duf	AC	
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13209		8/21	
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13210	-224	8/24	
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✓ PP			
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13211		8/25	
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13212		8/19	
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-227

8/21

13213

-228

8/19

13214

-229

8/29

13215

-230

8/24

13216

PP ✓

-231

8/26

13217

54

NWBT

9/1

13218

B8360 M1-BK-232

24060-74

8/29

13219

-233

8/26

13220

PP ✓

B8360A1-Bk-234

13221

8/29

24060-74

13222

8/26

13223

8/22

13224

8/25

13225

8/24

13226

8/25

13227

8/25

13228

-241

8/24

✓ PP

-242

8/26

13229

8/25

13230

8/23

13231

8/26

13232

8/24

13233

-247

8/24

13234

8/24

PP

8/23

13235

8/23

13236

B8360A1-Bx-250

13237

8/24

24060-74

13238

8/19

13239

8/23

13240

8/18

13241

8/21

13242

8/19

13243

8/20

13244

8/19

-258

8/17

13245

8/17

13246

8/18

13247

8/26

13248

8/17

13249

RU8303181

84/HR

9/2

13250

-263

8/19

13251

8/19

13252

B8360A1-BK-265

13253

8/24

24060-74

✓
PP

13254

8/21

13255

8/26

13256

-268

8/20

✓
PP

ac

13257

8/21

13258

8/25

13259

-271

8/21

✓
PP

13260

8/24

-273

8/20

13261

8/19

13262

-275

8/23

13263

PP ✓

-276

8/18

13264

AC

PP ✓

-277

8/18

13265

Umm
Dm

PP ✓

8/20

13266

8/19

13267

8/17

13268

B8360A1-BK-281

13269

8/19

24060-74

13270

8/18

13271

8/18

13272

8/17

13273

-285

8/20

✓
PP

13274

-286

8/24

✓
PP

13275

SKBT

8/24

HR

13276

-287

8/20

-288

8/19

13277

-289

8/23

13278

-290

8/20

13279

-291

8/24

13280

35

LEAH

8/28

13281

B8360A1-BK 2

24060-74

BK

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8/24

13282

8/19

13283

8/15

13284

B8360A1-

13285

8/19

24060-74

bks
↓

13286

8/18

13287

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13288

pp 9/12

8/12

13289

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13290

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13291

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13292

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B8360A1-
24060-74

bk

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13293

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13294

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13296

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13298

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13299

8/19

13300

13301	B8329A1-3-1	8/15	21092
	LMNT/CB801		

13302	-2	8/16	
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13303	-3	8/15	
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13304	-4	8/18	
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13305	-5	8/13	
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13306	B8329A1-15-1	8/25	21104
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13307	-2	8/24	
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13308	-3	8/22	
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-4

8/28

13309

-5

8/26

13310

B8329A1-21-1

21110

8/18

13311

Uhm

PP ✓

-2

8/29

13312

-3

8/30

13313

-4

8/22

13314

PP ✓

-5

8/19

13315

B8329A1-22-1

21111

8/20

13316

8/26

8118

8118

8122

8/26

21113

8127

8124

8/23

-5

8/19

13325

CB801

3450

9/6

13326

B8329A1-27-1

21116

8/26

13327

-2

8/23

13328

-3

8/19

13329

-4

8/25

13330

-5

8/18

13331

pp ✓

B8329A1-28-1

21117

8/18

13332

13333	-2	8/18		
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13334	-3	8/13		
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✓ PP

13335	-4	8/24		
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13336	-5	8/15		
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13337	B8329A1-30-1	8/16		21119
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13338	-2	8/17		
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13339	-3	8/12		
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13340	-4	8/11		
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-5

8/13

13341

UHM

pp ✓

B8329A1-37-1

21127

8/19

13342

-2

8/25

13343

-3

8/14

13344

UHM
grain?

pp ✓

-4

8/19

13345

-5

8/12

13346

B8329A1-45-1

21135

8/17

13347

-2

8/16

13348

13349

-3

8/18

13350

-4

8/23

✓ PP

13351

-5

8/15

13352

LMNT

8/29

HR

13353

B8329A1-46-1

8/26

21136

13354

-2

8/26

13355

-3

8/26

✓ PP

13356

-4

8/26

-5

8/26

13357

B8329A1-53-1

21143

8/25

13358

-2

8/25

13359

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8/25

13360

-4

8/20

13361

PP

-5

8/28

13362

B8329A1-58-1

21148

8/18

13363

-2

8/19

13364

13365

-3

8/12

✓ PP

Rel. UHM
very early

13366

-4

8/17

13367

-5

8/17

13368

38329A1-61-1

8/18

2/152

13369

-2

8/13

13370

-3

8/15

13371

-4

8/13

13372

-5

8/13

✓ PP

UHM

BLMT

56

8/22

13373

B8329A1-62-1

21153

8/20

13374

-2

8/24

13375

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8/25

13376

-4

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13377

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13378

B8329A1-65-1

21156

8/14

13379

-2

8/18

13380

13381

-3

8/18

13382

-4

8/18

13383

-5

8/12

✓ PP

13384

B8329A1-T2 -1

8/14

2/1/63

13385

-2

8/15

✓ PP

13386

-3

8/18

13387

-4

8/17

✓ PP

13388

-5

8/18

21167	B8329A1-76-1	8/14	13389
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13390

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13391

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13392

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8/18

13393

21168	B8329A1-77-1	8/25	13394
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8/25

13394

-2

8/25

13395

pp

-3

8/25

13396

13397

-4

8/25

13398

-5

8/25

IR-42

13399

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13400

B8329A1-19-1

13401

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21170

13402

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13403

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13404

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8/20

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8/20

13405

B8329A1-81-1

21172

8/25

13406

-2

8/25

13407

pp[✓]

-3

8/26

13408

-4

8/19

13409

-5

8/19

13410

B8329A1-84-1

21176

8/26

13411

-2

8/29

13412

13413

-3

8128

13414

-4

8/26

13415

-5

8/26

13416

B8329A1-87-1

820

21179

13417

-2

8/26

13418

-3

8128

13419

-4

8/15

13420

8/15

21182

B8329A1-90-1

8/21

13421

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8/19

13422

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8/19

13423

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13424

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8/15

13425

HR

GFMT

8/24

13426

21184

B8329A1-92-1

8/14

13427

-2

8/16

13428

8/18

816

8/14

8/18

21186

8/18

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B8329A1-95-1

21187

8/15

13437

-2

8/14

13438

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13439

-4

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13440

UHM

PP ✓

-5

8/15

13441

L-201

3278

8/18

13442

B8329A1-BK3

PR 10241-80

BK

↓

8/18

13443

8/19

13444

B8329A1-Bk₃

13445

8/16

PR10241-80

bk

↓

13446

8/16

13447

8/17

13448

p/p

8/17

13449

8/19

13450

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13451

8/15

13452

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13456

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13457

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13458

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13459

8/19

13460

13461

B8329A1-BK₃

8/16

PR10241-80

BK



13462

8/17

13463

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13464

PR 9/15

8/22

13465

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13466

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13467

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13468

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13469

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13470

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13471

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13472

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13473

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13474

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13475

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13476

NWBT

54

B8329A1-BK₃

13477

8/21

PR10241-80

bK

↓

13478

8/20

13479

8/16

13480

P/P 9/15

8/19

13481

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13482

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13485

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13486

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13489

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13490

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13492

13493	B8329A1-BK ₃	8/21	PR10241-80 BK ↓
13494		8/19	
13495		8/19	
13496	P/P 9/15	8/20	
13497		8/27	
13498		8/25	
13499		8/20	
13500		8/27	

B8329A2-5-1

21205

LMNT/CB801

8/19

13501

-2

8/27

13502

PP ✓

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8/27

13503

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8/28

13504

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8/22

13505

21209

8/24

13506

8/20

13507

8/19

13508

13509	8/22		
13510	8/27		
13511	—		2/2/4
13512	—		
13513	—		
13514	8/29		
13515	8/27		
13516	8/25		2/2/5

8/24

13517

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13518

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13519

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13520

B8329A2-18-1

21218

8/20

13521

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13522

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13523

-4

8/27

13524

	-5		
✓ 13525 PP		8/19	
	RXMT		
13526		9/1	HR
	B8329A2-19-1		
13527		8/20	2/219
	-2		
13528		8/26	
	-3		
13529		8/25	
	-4		
✓ 13530 PP		8/25	
	-5		
13531		8/16	
	B8329A2-22-1		
13532		8/19	2/222

-2

8/17

13533

-3

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13534

PP ✓

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13535

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13536

B8329A2-37-1

21223

8/23

13537

PP ✓

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8/22

13538

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13539

-4

8/26

13540

13541	-5 8/20		
13542	8/26	2/228	
13543	8/17		
13544	8/28		
13545	8/24		
13546	8/26		
13547	8/20	2/231	
13548	8/18		

8/18

13549

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13550

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13551

119

L-202

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21238

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13553

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13554

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13555

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13557

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B8329A2-39-1

8/26

21240

13559

-2

8/22

13560

-3

8/24

✓
PP
13561

-4

8/25

13562

-5

8/27

13563

B8329A2-41-1

8/27

21242

13564

-2

8/25

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8/25

13565

-4

8/26

13566

pp^v

-5

8/25

13567

B8329A2-44-1

21245

8/25

13568

pp^v

-2

8/25

13569

-3

8/27

13570

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8/26

13571

-5

8/25

13572

13573	8/22	21249
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13574	8/15	
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13575	8/19	
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13576	8/18	
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13577	8/21	
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13578	LMUT 8/31	HR
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13579	B8329A2-53-1 8/19	21255
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13580	-2 8/27	
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8/16

13581

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8/18

13582

-5

8/15

13583

pp[✓]

38329A2-54-1

21256

8/25

13584

-2

8/20

13585

pp[✓]

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8/26

13586

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13587

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13588

B8329A2-56-1

13589

8/18

21258

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13590

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13591

8/26

✓
PP

-4

13592

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21262

13595

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13597

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13598

21265

B8329A2-63-1

8/26

13599

-2

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13600

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13601

-4

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13602

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13603

1P ✓

B8329A2-69-1

21271

8/29

13604

13605	-2	8/27	
✓ PP			
13606	-3	8/29	
13607	-4	9/1	
13608	-5	8/27	
13609	B8329A2-T0-1	8/28	2/272
✓ PP			
13610	-2	8/31	
13611	-3	8/31	
13612	-4		

-5

8/31

13613

B8329A2-77-1

21280

8/29

13614

-2

8/26

13615

-3

8/25

13616

-4

8/25

13617

PP ✓

-5

8/26

13618

B8329A2-83-1

21286

8/26

13619

-2

8/18

13620

13621 -3 8/30

13622 -4 8/16

13623 -5 8/20
✓
PP

13624 RU8303181 9/8 84/HR

13625 B8329A2-84-1 8/20 21287

13626 -2 8/21

13627 -3 8/28

13628 -4 8/18
✓
PP

-5

8/22

13629

B8329A2-87-1

21290

8/21

13630

-2

8/26

13631

✓
PP

-3

8/18

13632

-4

8/29

13633

-5

8/26

13634

B8329A2-92-1

21295

8/18

13635

-2

8/19

13636

PP ✓

13637

-3

8/21

13638

-4

8/21

13639

-5

8/26

13640

TR02

8/28

53

13641

B8329A4-5-1

8/21

21315

✓
PP
13642

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13643

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13644

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13645

B8329A4-6-1

21316

8/17

13646

pp ✓

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13647

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13649

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13650

B8329A4-14-1

21324

8/25

13651

pp ✓

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13652

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13654

-4

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13655

-5

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13656

B8329A4-15-1

8/17

21326

13657

-2

8/15

13658

-3

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✓
13659

-4

8/26

pp
13660

-5

8/26

21329	B8329A4-18-1	8/18	13661
	-2	8/18	13662
	-3	8/19	13663
	-4	8/27	13664
	-5	8/18	13665 ✓ PP
21332	B8329A4-21-1	8/24	13666
	-2	8/21	13667
	-3	8/24	13668 PP ✓

13669

-4

8/24

13670

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8/22

13671

8/21

21336

13672

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13673

8/22

13674

8/15

13675

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13676

LBLE

8/19

16

21338 B8329A4-27-1

8/14

13677

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8/21

13678

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13679

PP

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13680

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13681

21344 B8329A4-33-1

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13682

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13683

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13684

13685

-4

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13686

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13687

B8329A4-34-1

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21345

13688

-2

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13689

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13690

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13691

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13692

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21352

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13693

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13695

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21354

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13697

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13698

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13699

8/21

13700

13701

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13702 B8329A4-44-1

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21356

13703 -2

8/21

13704 -3

8/25

13705 -4

8/22

13706 -5

8/25

13707 B8329A4-45-1

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21357

13708 -2

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13709

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13710

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13711

B8329A4-48-1

21360

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13712

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13713

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13714

PP ✓

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13715

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13716

13717	B8329A4-50-1	8/21	21362
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13718	-2	9/4	
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13719	-3	8/20	
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13720	-4	8/21	
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13721	-5	8/21	
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13722	B8329A4-51-1	8/26	21363
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13723	-2	8/26	
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13724	-3	8/27	
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13725

PP ✓

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13726

LBLE-X2-2

3424

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13727

B8329A4-53-1

21365

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13728

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8/14

13729

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13731

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13732

PP ✓

13733	B8329A4-57-1	8/12	21369
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13734	-2	8/13	
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13735	-3	8/14	
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13736	-4	8/15	
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✓
PP

13737	-5	8/15	
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13738	B8329A4-58-1	8/21	21370
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13739	-2	8/20	
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✓
PP

13740	-3	8/19	
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13741

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13742

B8329A4-59-1

21371

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13744

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13745

PP

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13746

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13747

B8329A4-64-1

21377

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13748

13749

-2

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✓ PP

13750

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13751

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13752

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8/18

13753

LEAH

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35

13754

B8329A4-68-1

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21381

13755

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13756

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✓ PP

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13757

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13758

B8329A4-70-1

21383

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13759

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13760

PP✓

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13761

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13762

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13763

B8329A4-77-1

21390

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13764

13765

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13766

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✓
PP

13767

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13768

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13769

B8329A4-84-1

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21397

13770

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13771

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✓
PP

13772

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13773

CI 9902

24571

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13774

21403

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13775

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13776

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13777

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13778

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13779

B8329A4-92-1

21405

8/18

13780

13781

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13782

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✓
PP

13783

-4

8/19

13784

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13785

B8329A4-93-1

8/25

21406

13786

-2

8/25

13787

-3

8/23

✓
PP

13788

-4

8/26

B8333A lines look very good; good plant type;
good lfts; robust panicles; shorter upright flops!

80

-5

8/25

13789

B8329A4-96-1

21409

8/19

13790

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8/13

13791

pp ✓

-3

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13792

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13793

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8/31

13794

PI 408449

10948

13795

B8333A1-Bk-1

21752-74

8/25

13796

8003050/CA82424

13797	B8333A1-Bk-2	8/22	21752-74	
13798	-3	8/22		
13799	-4	8/19		
13800	-5	8/21		
13801	-6	8/16		
✓ PP				
13802	-7	8/16		
13803	-8	8/18		
✓ PP				
13804	-9	8/19		

-Bx-10

UHM

8/18

13805

PP

bk 9/23

-11

8/14

13806

PP

-12

8/13

13807

-13

8/19

13808

PP

-14

8/14

13809

PP

-15

8/18

13810

PP

-16

8/17

13811

-17

8/18

13812

PP

bk 9/23

13813 B8333A1-Bk-18 8/8 21752-74

13814 -19 8/23

13815 -20 8/19

13816 -21 8/20

13817 -22 8/18

13818 -23 8/15

✓
PP
bk 9/23

13819 -24 8/16

✓

13820 -25 8/21

-Bk-26

8/28

13821

-27

8/22

13822

-28

8/19

13823

PP

-29

UHM

8/20

13824

PP

bk 9/23

18952

RU8003050

8/26

13825

bk 9/23

-Bk-30

8/15

13826

-31

8/19

13827

PP

-32

8/17

13828

13829 B8333A1-Bk-33 8/18 21752-74

✓
pp

13830 -34 8/15

13831 -35 8/16

13832 -36 8/17

✓
pp
b/c 9/23

13833 -37 8/20

13834 -38 8/19

13835 -39 8/16

13836 -40 8/22

-3k-41

8/12

13837

-42

8/17

13838

U400

PP ✓

bk 9/23

-43

8/18

13839

PP ✓

-44

8/14

13840

PP ✓

-45

8/15

13841

-46

8/20

13842

-47

8/15

13843

-48

8/13

13844

PP ✓

13845	B8333A1-Bk-49	8/21	21752-74
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13846	-50	8/23	
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13847	-51	8/18	
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13848	-52	8/19	
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13849	-53	8/16	
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✓ pp UHM
bk 9/23

13850	L-202	8/18	119
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bk 9/23

13851	-54	8/18	
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✓ pp
bk 9/23

13852	-55	8/20	
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-Bx-56

8/19

13853

-57

8/20

13854

-58

8/16

13855

PP ✓

bk 9/23

-59

8/20

13856

-60

8/18

13857

-61

8/19

13858

-62

Uhm

8/18

13859

PP ✓

☆

bk 9/23

-63

8/12

13860

PP ✓

B8333A1-Bk-64

✓
13861

8/14

21752-74

PP

-65

✓
13862

8/16

PP

-66

✓
13863

8/18

PP

Umm

bk 9/23

-67

✓
13864

8/18

PP

Umm

bk 9/23

-68

✓
13865

8/17

PP

-69

13866

8/14

-70

13867

8/18

-71

13868

8/19

-Bk-72

8/20

13869

-73

8/19

13870

PP ✓

-74

8/19

13871

-75

8/18

13872

UHM

PP ✓

bx 9/23

-76

8/18

13873

-77

8/19

13874

HR

SKBT

8/24

13875

bx 9/23

-78

8/15

13876

B8333A1-BK-79

13877

8/12

21752-74

✓ pp

bk 9/23

-80

13878

8/13

-81

13879

8/18

-82

13880

8/14

✓ pp

bk 9/23

Uhm

-83

13881

8/18

✓ pp

bk 9/23

Uhm

-84

13882

8/18

-85

13883

8/15

✓ pp

-86

13884

8/19

-Pk-87

8/19

13885

-88

8/21

13886

-89

8/19

13887

-90

8/12

13888

UHM

PP ✓

bk 9/23

-91

8/14

13889

-92

8/18

13890

-93

8/19

13891

-94

8/15

13892

PP

B8333A1 - Bk-95

13893

8/17

21752-74

13894

-96

8/20

✓ PP

13895

-97

8/16

✓ PP

bk 9/23

13896

-98

8/23

13897

-99

8/15

13898

-100

8/19

13899

-101

8/26

13900

-102

8/12

-Bk-103

8/20

13901

PP ✓

-104

8/15

13902

PP ✓

-105

8/13

13903

PP ✓

-106

8/15

13904

-107

8/12

13905

PP ✓

-108

8/12

13906

-109

8/10

13907

PP ✓

Umm

bx 9/23

-110

8/17

13908

B8333A1-Bk-111

13909

8/11

21752-74

13910

-112

8/14

✓
pp

13911

-113

8/18

13912

-114

8/15

13913

-115

8/18

13914

-116

8/15

13915

-117

8/19

13916

-118

8/17

-Bx-119

8/22

13917

-120

8/17

13918

PP ✓

-121

8/14

13919

-122

8/18

13920

PP ✓

-123

8/16

13921

-124

8/14

13922

PP ✓

-125

8/22

13923

-126

8/22

13924

	LMNT			
13925		8/27		HR
bx 9/23				
13926	B8333A1-BK-127	8/9		21752-74
✓ PP				
13927		-128 8/18		
13928		-129 8/15		
✓ PP				
13929		-130 8/17		
bx 9/23				
13930		-131 8/12		
✓ PP				
13931		-132 8/21		
13932		-133 8/18		

-Bk-134

8/18

13933

pp ✓

-135

8/14

13934

-136

8/17

13935

-137

8/18

13936

UHM

pp ✓

bk 9/23

-138

8/12

13937

-139

8/8

13938

-140

8/11

13939

UHM

pp ✓

left stage?

bk 9/23

-141

8/9

13940

pp ✓

13941 B8333A1-BK-142 8/17 21752-74

13942 -143 8/17

13943 -144 8/17
✓ pp

13944 -145 8/21

13945 -146 8/14

13946 -147 8/15

13947 -148 8/15

13948 -149 8/12

-Bk-150

8/19

13949

CB 801

8/29

13950

-151

8/11

13951

UHM

-152

8/15

13952

UHM

PP ✓

bx 9/23

-153

8/13

13953

-154

8/13

13954

-155

8/12

13955

-156

8/12

13956

B8333A1-Bk-157

13957

8/20

21752-74

13958

-158

8/16

13959

-159

8/12

✓
PP

13960

-160

8/8

✓
PP

13961

-161

8/9

13962

-162

8/19

13963

-163

8/15

✓
PP

13964

-164

8/15

-Bk-165

8/18

13965

-166

8/13

13966

PP ✓

-167

8/17

13967

PP ✓

-168

8/13

13968

PP ✓

-169

8/10

13969

PP ✓

Very early
Union

bK 9123

-170

8/17

13970

-171

8/17

13971

-172

8/12

13972

B8333A1-Bk-173

13973

8/18

✓
PP

-174

13974

8/18

BOND

-1

13975

8/17

14

bx 9/23

-175

13976

8/15

-176

13977

8/14

-177

13978

8/14

-178

13979

8/15

-179

13980

8/12

✓
PP

UHM

bx 9/23

-Bk-180

8/15

13981

-181

8/14

13982

-182

8/14

13983

pp ✓

-183

8/15

13984

pp ✓

-184

8/8

13985

pp ✓

-185

8/12

13986

-186

8/20

13987

-187

8/18

13988

B8333A1-Bk-188

13989

8/18

21752-74

✓
13990

-189

8/13

PP

UHM

bk 9/23

13991

-190

8/21

✓
13992

-191

8/16

PP

13993

-192

8/16

13994

-193

8/13

✓
13995

-194

8/15

PP

13996

-195

8/13

BK-196

8/13

13997

pp[✓]

-197

8/13

13998

-198

8/13

13999

-199

8/18

14000

Block Seeding Dates

12200 - 12800 6/2

12801 - 13400 6/3

13401 - 14000 6/3

$$B8255A = BLMT/KCAI * F_1 // 8003005$$

$$B8271A = LEAH/8003050 * F_1 // 1902156$$

$$B8129A = LMNT/MTCA$$

$$B8360A = DLLA//NWRX/BLMT$$

$$B8329A = LMNT/CB801$$

$$B8333A = 8003050 / CA82724$$

$$B775A1 = VSTA/MTCA$$

14612



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

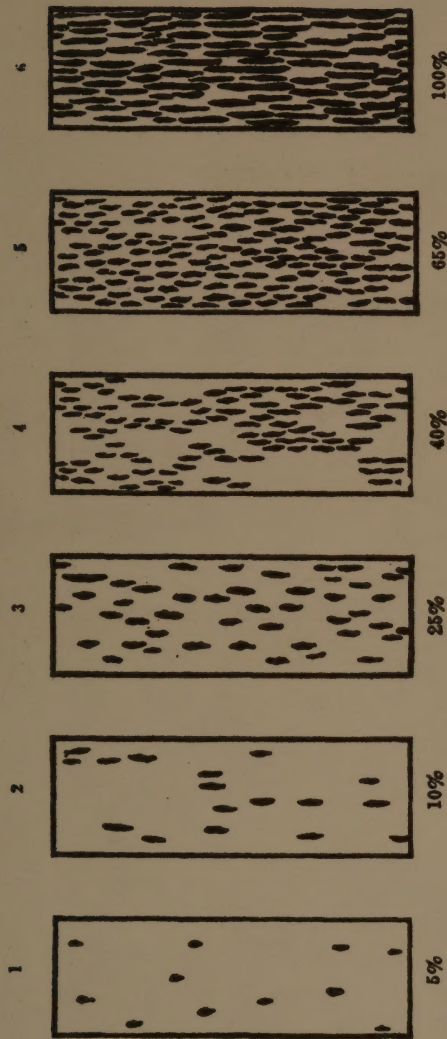


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

B8333A1-BK-200

14001

8/19

21752-54

-201

14002

8/20

✓ PP

-202

14003

8/19

-203

14004

8/20

-204

14005

8/20

-205

14006

8/18

-206

14007

8/19

-207

14008

8/19

✓ PP

-Bk- 208

8/19

14009

-209

8/19

14010

-210

8/18

14011

pp ✓

-211

8/19

14012

pp ✓

-212

8/19

14013

-213

8/13

14014

-214

8/19

14015

-215

8/15

14016

pp ✓

14017	B8333A1-Bk-216	8/19	21752-14
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✓ PP

14018	-217	8/19
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14019	-218	8/21
-------	------	------

14020	-219	8/20
-------	------	------

14021	-220	8/20
-------	------	------

✓ PP

14022	-221	8/19
-------	------	------

14023	-222	8/19
-------	------	------

✓ PP

14024	-223	8/21
-------	------	------

NWBT

54

8/26

14025

-Bk-224

8/18

14026

Umm

PP ✓

bxc 9/24

-225

8/19

14027

-226

8/19

14028

PP ✓

-227

8/19

14029

-228

8/18

14030

PP ✓

-229

8/19

14031

PP ✓

-230

8/19

14032

14033

B8333A1-BK-231

8/22

21752-74

14034

-232

8/19

✓ PP

14035

-233

8/18

14036

-234

8/20

14037

-235

8/19

14038

-236

8/20

✓ PP

14039

-237

8/16

✓ PP

14040

-238

8/18

✓ PP

-Bx-239

8/21

14041

-240

8/18

14042

✓
PP

bx 9/24

-241

8/17

14043

✓
PP

-242

8/22

14044

-243

8/18

14045

-244

8/21

14046

-245

8/18

14047

✓
PP

-246

8/19

14048

PP ✓

14049	B8333A1-Bk-247	8/19	21752-74
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14050	RXMT	8/26	HR
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14051	B8333A1-Bk-248	8/19	21752-74
-------	----------------	------	----------

✓
PP

14052	-249	8/20	
-------	------	------	--

✓
PP
bx 9/24

14053	-250	8/24	
-------	------	------	--

14054	-251	8/19	
-------	------	------	--

14055	-252	8/23	
-------	------	------	--

14056	-253	8/21	
-------	------	------	--

✓
PP

U4m

-Bk-254

8/19

14057

-255

8/18

14058

✓
PP

-256

8/19

14059

-257

8/19

14060

-258

8/18

14061

-259

8/24

14062

✓
PP

-260

8/19

14063

-261

8/20

14064

✓
PP

Bk 924

14065	B8333A1-BK-262	8/18	21752-74
✓ PP			

14066	-263	8/20	
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14067	-264	8/14	
✓ PP			

14068	-265	8/18	
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14069	-266	8/20	
-------	------	------	--

14070	-267	8/22	
-------	------	------	--

14071	-268	8/19	
-------	------	------	--

14072	-269	8/17	
-------	------	------	--

✓ PP
bx 9/24

-Bk-270

8/16

14073

-271

8/18

14074

16

LBLE

8/18

14075

bk 9/24

-Bk-272

8/17

14076

✓
PP

-273

8/15

14077

-274

8/17

14078

✓
PP

bk 9/24

-275

8/18

14079

-276

8/20

14080

14081 B8333A1-13x-277 8/14 21752-74

✓
PP

14082 -278 8/19

14083 -279 8/19

14084 -280 8/19

14085 -281 8/18

✓
PP
br 9/24

14086 -282 8/18

14087 -283 8/19

✓
PP
br 9/24

U4M

14088 -284 8/17

-Bk-285

8/19

14089

✓
PP

-286

8/18

14090

-287

8/18

14091

-288

8/19

14092

✓

PP

bk 9/24

-289

8/15

14093

-290

8/16

14094

-291

8/19

14095

UHM

✓
TP

-292

8/20

14096

B8333A1-Bc-293

14097

8/18

21752-74

14098

-294

8/16

✓ pp

14099

-295

8/18

✓ pp

14100

-296

8/19

14101

-297

8/18

14102

-298

8/19

14103

-299

8/18

14104

-300

8/18

-Bk-301

8/16

14105

-302

8/17

14106

-303

8/18

14107

-304

8/19

14108

-305

8/18

14109

-306

8/21

14110

-307

8/21

14111

-308

8/16

14112

B8333A1-Bk-309

14113

8/19

21752-74

-310

14114

8/18

-311

14115

8/19

✓
PP

DK 9124

-312

14116

8/20

✓
PP

-313

14117

8/21

-314

14118

8/18

✓
PP

-315

14119

8/21

-316

14120

8/20

-Bk-317

8/22

14121

-318

8/18

14122

-319

8/18

14123

pp ✓

bk 9/24

-320

8/20

14124

L-202

8/21

14125

bk 9/24

-Bk-321

8/20

14126

pp ✓

bk 9/24

-322

8/19

14127

-323

8/20

14128

14129 B8333A1-Bk-324 8/19 21752-74

14130 -325 8/19

14131 -326 8/16
✓ PP

14132 -327 8/21

14133 -328 8/17
✓ PP
bk 9/24

14134 -329 8/26

14135 -330 8/21

14136 -331 8/20
✓ PP

-Bx-332

8/19

14137

-333

8/20

14138

-334

8/19

14139

-335

8/18

14140

✓
pp

-336

8/18

14141

-337

8/19

14142

-338

8/20

14143

✓
pp

-339

8/18

14144

✓
pp

14145	B8333A1-Bk-340	8/20	21752-74
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✓ PP

14146	-341	8/19	
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✓ PP
bk 9/24

14147	-342	8/19	
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14148	-343	8/21	
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14149	-344	8/22	
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14150	TBNT	8/25	13
-------	------	------	----

bk 9/24

14151	-345	8/19	
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14152	-346	8/19	
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✓ PP

-347

8/19

14153

✓

PP

bx 9/24

-348

8/19

14154

✓

PP

-349

8/20

14155

✓

PP

bx 9/24

-350

8/18

14156

-351

8/18

14157

✓

PP

-352

8/20

14158

-353

8/17

14159

✓

PP

-354

8/22

14160

138333A1-Bk-355

14161

8/20

21752-14

14162

-356

8/13

14163

-357

8/19

✓
PP

14164

-358

8/19

14165

-359

8/15

14166

-360

8/18

✓
PP

14167

-361

8/16

14168

-362

8/16

-363

8/16

14169

-364

8/20

14170

PP

CB801

3450

9/4

14171

B8349A1-BK-1

23645-60

8/25

14172

LMNT/8302025

-2

8/24

14173

-3

8/23

14174

-4

8/20

14175

-5

8/21

14176

B8349A1-Bk-6

14177

8/20

23645-60

-7

14178

8/20

-8

14179

8/24

14180

8/19

14181

8/18

14182

8/25

14183

8/22

14184

8/20

8/27

14185

8/24

14186

8/21

14187

8/20

14188

8/25

14189

8/26

14190

8/20

14191

8/20

14192

14193	B8349A1 - Bx -	8/19	23645 - 60
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14194		8/20	
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14195		8/26	
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14196		8/22	
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14197		8/22	
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14198		8/22	
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14199		8/24	
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14200		8/19	
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8/20

14201

8/18

14202

8/18

14203

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14204

8/17

14205

8/17

14206

8/17

14207

8/18

14208

81
14209 B8349A1- 8/21 23645-60

14210 8/22

14211 8/21

14212 8/22

14213 8/21

14214 8/22

14215 8/19

14216 8/23

8/23

14217

8/18

14218

8/24

14219

8/18

14220

8/23

14221

8/19

14222

8/20

14223

8/24

14224

14225	RU 8302025	8/23	22250
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14226	B8349A1-	8/19	23645-60
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14227		8/20	
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14228		8/18	
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14229		8/21	
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14230		8/23	
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14231		8/24	
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14232		8/26	
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8/26

14233

8/21

14234

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14235

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14236

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14237

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14238

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14239

8/25

14240

14241	B8349A1-	8/20	23645-60
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14242		8/18	
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14243		8/22	
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14244		8/27	
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14245		8/25	
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14246		8/18	
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14247		8/24	
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14248		8/24	
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8/25

14249

LMNT

HR

8/27

14250

8/25

14251

8/20

14252

8/22

14253

8/18

14254

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14255

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14257	B8349A1-	8/20	23645-60
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14258		8/29	
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14259		8/20	
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14260		8/19	
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14273	B8349A1-	8/25	23645-60
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14275	SKBT	8/24	HR
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14276		8/18	
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14289		8/22	23645-60
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14305	138349A1-	8/21	23645-60
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14321	NWRX	8/23	158
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14322	B8349A2- Bk-	8/18	23662-80
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LMNT/8302025

14323		8/20	
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14353 B8349A2-BK- 8/18 23662-80

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14385 138349A2- 8/25 23662 -80

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14449	B8349A2-	8/28	23662-80
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14450	RU7903157	8/24	1775
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14451	B8349A3	8/20	23682-700
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14465	B8349A3-	8/24	23682-100
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14481	B8349A3-	8/25	23682-700
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14513	B8349A3-	8/25	23682-700
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14529	B8349A3-	8/21	23682-100
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14561	BLMT	8/24	56
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14562	B8349A4-	8/19	23701-20
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14564		8/19	
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14593 B8349A4- 8/21 23701-20

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Note: it rained when this block was being
planted; ∴ the first 54 rows of each tier
were planted ^{weeks before the last 46.}
This accounts for sudden heading differences!

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14601

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14626 BS349A4- 8/23 23701-20

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14632 8/19

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14641	B38349A4-	8/27	23101-20
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14657	B8349A4-	9/12	23701-20
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14658		9/4	
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14659		9/4	
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14660		9/7	
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14661		9/10	
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14662		9/5	
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14663		9/6	
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14664		9/8	
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14671

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23926-40

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C670A-15-4/LMNT

14673	B8351A1-BK-	9/2	23926-40
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14674		9/5	
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14675		9/5	
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14676		9/7	
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14689	B8351A1-	9/9	23926 / 40
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14705	B8351A1-	8/24	23926-40
14706		8/23	
14707		8/25	
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14722		9/2	
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14723		8/24	
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14724		8/25	
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14725	BOND	8/22	14
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14769	B8351A1-	9/9	23926-40
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14775	LEAH	9/12	35
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14776		9/9	
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14817	B8351A2-	8/25	23942-60
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14833	B8351A2-	8/25	23942-60
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14849	B8351A2-	8/25	23942-60
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14850	SKBT	8/28	HR
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14851	B8351A2-	9/3	23942-60
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14865	B8351A2-	9/6	23942-60
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114881	B8351A2-	9/1	23942-60
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114882		9/5	
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14913	B8351A2-	8/28	23942-60
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NWBT

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B8351A2-

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23942-60

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14945 B8351A2- 8/26 23942-60

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14949 9/1

14950 NWRX 9/4 158

14951 9/11

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02-5885

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14961	B8351A2-	9/10	23942-60
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TR02

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14971

B8351A3-

23962-80

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	B8351A3-Bk		
14977		9/2	23962-80 bk ↓
14978		9/2	
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14993 B8351A3- 9/2 23962-80

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15000 7/4

B8335A1 - Bk3		
PR 10282-354	8/19	150001
8303181/CB801		
	8/18	150002
	8/19	150003
	8/18	150004
	8/19	150005
	8/19	150006
	8/16	150007
	8/16	150008

15009	B8335A1-Bk3	8/15	PR10282-354
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15010		8/19	
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15011		8/14	
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15012		8/16	
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15025	CB 801	9/4	3450
15026	B8335A1-Bk3	8/19	PR 10282-354 bk ↓
15027		8/19	
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15030		8/16	
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15041	B8335A1-Bk ₃	8/18	PR10282-354
15042		8/18	
15043		8/19	
15044		8/19	
15045		8/17	
15046		8/18	
15047		8/19	
15048		8/20	

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15049

RV8003050

18952

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15057 B8335A1-Bk3 9/3 PR10282-354

15058 9/3

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15063 9/5

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15072

15073 B8335A1-Bk₃ 8/27 PR10282-354

15074 8/26

15075 RU8603181 9/11 84/HR

15076 8/26

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B8335 A1-Bk₃

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PR10282-354

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15100

B8335A2-BK₃

PC 10356-447

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15101

8303181/CB801

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15105

B8335 A2 - Bk₃

8/17 PR10356-447

15106

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AP 9/26

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15111

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PP 9/26

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B8335A2-Bk₃

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PR 10356-447

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L-202

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15128

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PP 9026

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pp 9/26

15137 B8335A2- Bn3 8/22 PR 10356-447

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15140 8/19

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15152

LEAH

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15153

B8335A2-Bk₃

8/23 PR 10356-447

15154

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15156

pp 9/26

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15169 B8335A2-Bk3 9/3 PR10356-447

15170 9/3

15171 9/26 8/28

15172 8/29

15173 8/28

15174 8/28

15175 TBNT 9/5 13

15176 8/29

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PP 9/24

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15185 B8335A2-Bk₃ 8/29 PR10356-447

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15190 9/3

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15192 8/27

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15200

AP 9/26

B8336A1-Bk₃

15201

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PR 10449-602

LBLE-X2-2/CB 801

15202

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15205

P/P

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15210

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15211

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15212

P/P

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15213

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15214

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15215

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15216

B8336A1-Bk₃

15217

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10449-602

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15219

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15220

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15221

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15222

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15223

8/29

15224

9/1

P/P

LBLE-X2-2

3424

9/4

15225

8/28

15226

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15227

8/27

15228

P/P

9/1

15229

9/2

15230

9/1

15231

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15232

15233 B8336A1-Bk₃ PR 10449-602

8/29

15234 9/2

15235 9/2

15236 8/25

15237 9/1

15238 8/29

15239 9/1

15240 9/1

$9/2$

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 $8/29$

15242

 $9/1$

15243

 $9/2$

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 $9/2$ $9/2$

15245

 $8/27$

15246

 $9/1$

15247

 $8/27$

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15249 B8336A1-Bk₃ 9/2 PR10449-602

15250 CB801 9/14 3450

15251 B8336A1-Bk₃ 8/28

15252 8/28

15253 9/1

15254 2/8 8/29

15255 8/28

15256 8/28

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15264

15265 B8336A1-Bk3 9/11 PR 10449-602

15266 8/28

15267 8/26

15268 8/28

AP

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15270 8/28

15271 8/28

15272 8/29

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15273

8/26

15274

LBNT

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9/8

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15280

15281 B8336A1 - Bx₃ 8/27 PR10449-602

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15283 8/27

15284 8/29

15285 8/26

15286 8/29

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15297 B8336A1-Bk₃ 8/27 PR10449-602

15298 8/27

15299 8/29

15300 8/29

15301 B8345A1-8-2-1 9/2 PR10611

✓ PP 8303116/CB801

15302 -2 9/2

15303 -3 9/2

✓ PP

15304 -4 9/2

-5

9/3

15305

B8345A1-11-1-1

PR10613

9/4

15306

-2

9/7

15307

✓
PP

-3

9/7

15308

-4

8/29

15309

-5

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15310

B8345A1-11-2-1

PR10614

9/3

15311

✓
PP

-2

9/3

15312

15313

-3
9/3

15314

-4
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15315

-5
9/4

15316

B8345A1-16-BK-BK

9/2

PR10619-21
bk

15317

-BK
9/3

15318

-BK
9/3

15319

-BK
9/3

15320

-BK
9/2

B8345

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15321

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15324

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15325

✓
PP

R08303116

13973

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15326

B8345A1-

PR10622-24

bx

9/2

15327

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15328

15329

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✓
pp
15330

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15331

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15332

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15333

9/3

✓
pp
15334

9/3

15335

9/2

15336

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B8345A1-21-2-1

PR10630

9/4

15337

-2

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15338

PP ✓

-3

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15339

-4

9/6

15340

-5

9/5

15341

PP ✓

B8345A1-21-3-1

PR10631

9/3

15342

-2

9/4

15343

PP ✓

-3

9/2

15344

15345

-4
9/3

15346

-5
9/3

15347

B8345A1-22-Bk-Bk

9/3

PR10632-34
bk

15348

-Bk
8/29

✓ pp

15349

-Bk
9/1

15350

-Bk
9/2

15351

-Bk
9/2

15352

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9/1

15353

8/29

15354

✓
PP

8/29

15355

9/2

15356

84/HR

RV8303181

9/12

15357

PR10641

B8345N-30-1-1

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15358

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15359

-3

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15360

15361

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15362

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15363

B8345A1-30-3-1

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PR10643

15364

-2
9/4

15365

-3
9/4

15366

-4
9/3

15367

-5
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15368

B8345A1-32-1-1

8/29

PR10644

-2

9/4

15369

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15370

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15371

-5

8/28

15372

PP[✓]

B8345A1-35-2-1

PR 10648

8/29

15373

-2

9/4

15374

-3

9/2

15375

PP[✓]

-4

9/3

15376

15377

✓ PP

9/3

-5

15378

LMNT

9/11

HR

15379

B8345A1-35-3-1

9/4

PR 10649

15380

-2

9/4

15381

-3

9/3

15382

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9/3

✓ r/r

15383

-5

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15384

B8345A1-39-2-1

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PR 10652

-2

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15385

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15387

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15388

PP ✓

B8345A1-40-3-1

PR10656

9/2

15389

PP ✓

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B8345A1-41-1-1

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PR 10657

15395

-2

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✓

PP

15396

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15398

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9/5

✓

PP

15399

IR-24

22360

15400

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8/11

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B8345A1-43-1-1

PR 10660

9/3

15401

-2

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15402

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15403

✓
PP

-4

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15404

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15405

B8345A1-55-2-1

PR 10667

9/4

15406

-2

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15407

-3

9/4

15408

15409

✓ PP

-4

9/4

15410

-5

9/4

15411

B8345A1-61-1-1

9/5

PR106T2

15412

✓ PP

-2

9/5

15413

-3

9/4

15414

✓ PP

-4

9/5

15415

-5

9/5

15416

B8345A1-61-2-1

9/6

PR106T3

-2

9/6

15417

-3

9/6

15418

-4

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15419

✓
PP

-5

9/7

15420

B8345A1-61-3-1

PR10674

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15421

-2

9/8

15422

-3

9/2

15423

✓
PP

-4

9/5

15424

5425

-5
9/4

5426 LBLE

9/7

16

5427 38345A1-64-1-1

9/8

PR10676

5428

-2
9/9

5429

-3
9/4

5430

-4
9/5

5431

-5
9/4

5432 38345A1-64-3-1

9/3

PR10678

-2

9/3

15433

-3

9/3

15434

-4

9/3

15435

-5

9/3

15436

✓
PP

38345A1-70-2-1

PR10680

9/4

15437

-2

9/3

15438

✓
PP

-3

9/5

15439

-4

9/4

15440

15441

-5
9/5

15442

B8345A1-T1-2-1

9/5

PR10683

15443

-2
9/5

✓
PP

15444

-3
9/5

15445

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9/6

15446

-5
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15447

B8345A1-T1-2-1

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PR10689

15448

-2
9/2

-3

9/2

15449

-4

8/29

15450

PP ✓

-5

9/2

15451

HR

GFMT

9/10

15452

B8345A1-78-2-1

PR10692

9/5

15453

-2

9/3

15454

-3

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15455

-4

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15456

PP ✓

15457

-5

9/2

15458

B8345A1-84-BK - BK

9/3

PR10697-99

bK

15459

-BK

9/2

15460

-BK

9/3

✓
PP
15461

-BK

9/3

15462

-BK

9/3

15463

9/3

✓
PP
15464

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15465

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15466

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15467

B8345A1-91-2-1

PR10707

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15468

-2

9/3

15469

pp✓

-3

9/3

15470

-4

15471

-5

9/3

15472

pp

15473 B8345A1-94-1-1 9/4 PR 10712

15474 -2 9/3

15475 -3 9/5

15476 -4

15477 -5 9/4

15478 SKBT 9/8 HR

15479 B8345A1-95-1-1 9/7 PR 10715

15480 -2 9/6

-3

9/12

15481

-4

9/6

15482

✓

-5

9/6

15483

B8345A1-95-3-1

PR10717

8/4

15484

-2

8/6

15485

-3

8/7

15486

-4

8/5

15487

✓

-5

8/5

15488

15489 DLLA 9/11 189

15490 " 10/21 9/11 "

15491 Basmati mutant 84P3533
PI 457917

15492 "

15493 Basmati mutant
PI 457918

15494

15495 Basmati mutant
PI 457919

15496 "

Basmati mutant

84P3536

PI 457920

15497

"

15498

Basmati 370

24656

15499

15500

Block Seeding Dates

14001-14600

6/5

14601-15200

6/5 ($\frac{1}{2}$), 6/23 ($\frac{1}{2}$) rain

15201-15800

6/23

R08302025 =

S242/UNKN//RXRE/R252//TN-1/4/RRTL/3/6001/

CENT//RXDL/SADR

B8333A = 8003050/CB82Y24

B8349A = LMNT/8302025

B8351A = C670A-15-4/LMNT

B8335A = 8303181/CB801

B8336A = LBLE-X2-2/CB801

B8345A = 8303116/CB801

14001-14600 all headed

15399-400

15476

15491-500

15495

15497

15498

15499

15500

15501

15502

15503

15504

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15510

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

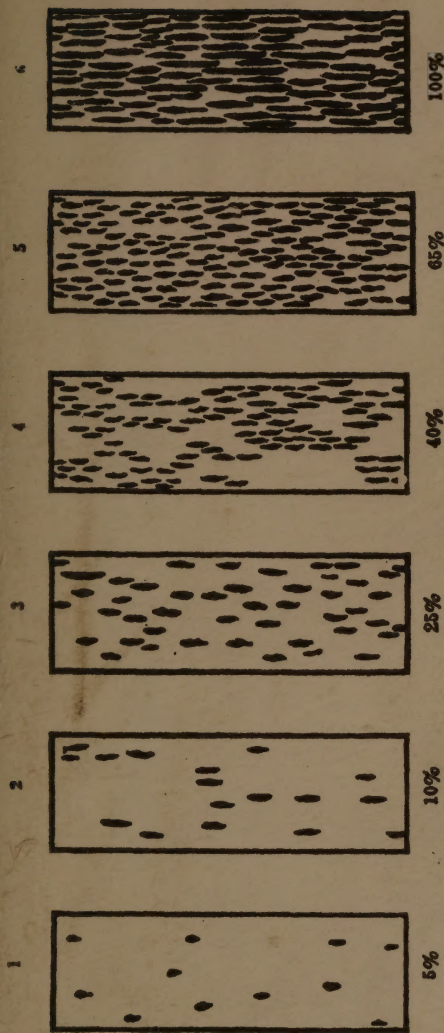
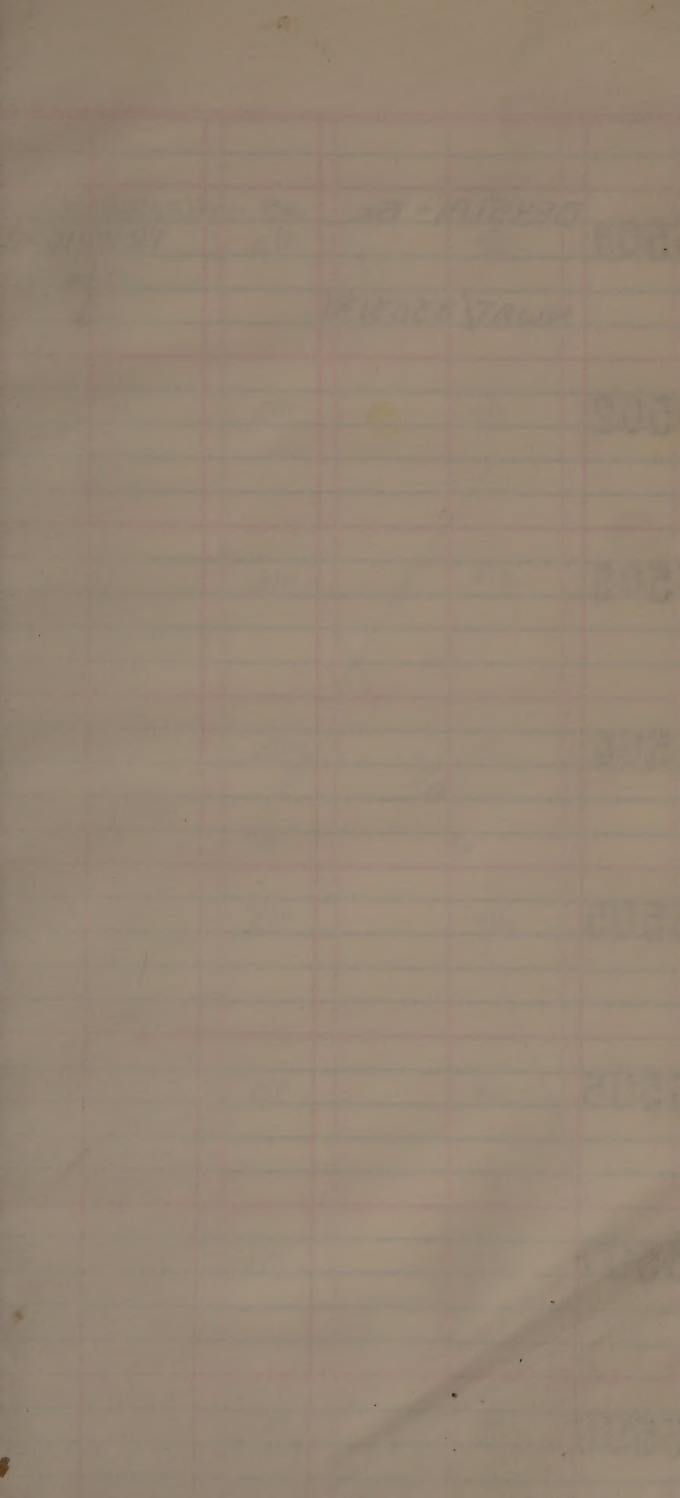


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



15501	B8451A1 - BK NWBT/8303181	9/3	PR10210-239 bks ↓
15502		9/3	
15503		9/3	
15504	PP 10/15	9/3	
15505		9/3	
15506		9/3	
15507		9/2	
15508		9/2	

B8451A1-BK



9/1

15509

9/1

15510

9/2

15511

9/2

15512

9/2

15513

9/2

15514

9/2

15515

9/2

15516

PP 10/15

15517	B8451A1 - BK	9/1	PR10210-239 bk ↓
15518		9/2	
15519		8/30	
15520	PP 10/15	8/30	
15521		9/3	
15522		9/2	
15523		9/1	
15524		9/1	

54 NWBT

9/11

15525

9/2

15526

9/3

15527

9/2

15528

9/2

15529

9/2

15530

9/1

15531

9/2

15532

15533	B8451A1-BK	8/30	PR 10210-239	b5 ↓
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15534		9/2		
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15535		9/1		
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15536	PA 10/15	9/2		
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15537		9/2		
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15538		9/2		
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15539		9/1		
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15540		8/31		
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9/2

15541

9/1

15542

9/2

15543

9/1

15544

9/3

15545

9/2

15546

9/1

15547

9/1

15548

15549	B8451A1-BK	9/2	PR10210-239 bk
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15550	RXMT	9/9	HR
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15551	B8451A1-BK	9/2	PR10210-39 bk ↓
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15552		9/2	
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15553		9/2	
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15554	PF 10/16	9/2	
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15555		9/2	
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15556		9/3	
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B8451A1-Bk

PR 10210-39

Bk

↓

9/1

15557

9/1

15558

9/1

15559

9/2

15560

9/3

15561

9/3

15562

9/1

15563

9/2

15564

15565	B8451A1-Bx	9/3	PR 10210-239
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bx
↓

15566		9/4	
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15567		9/4	
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15568		9/2	
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pp 10/15

15569		9/3	
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15570		9/1	
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15571		9/1	
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15572		9/5	
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B8451A1-Bk

9/3

15573

9/2

15574

TBNT

13

9/6

15575

9/2

15576

9/2

15577

9/2

15578

9/3

15579

9/3

15580

15581	B8451A1-Bk	9/3	FR10210-239	bk ↓
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15582		9/4		
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15583		9/1		
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15584		9/3		
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15585		9/2		
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15586		9/2		
-------	--	-----	--	--

15587		9/1		
-------	--	-----	--	--

15588		9/2		
-------	--	-----	--	--

B8451A1-Bk

9/1

15589

9/1

15590

9/2

15591

9/3

15592

9/2

15593

8/30

15594

9/2

15595

9/1

15596

15597	B8451A1 - Bk	9/3	PR10210-239 bks ↓
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15598		9/3	
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15599		9/2	
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15600		9/4	
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15601	B8410A1 - Bk	8/28	PR8585-129 bks ↓
	LBLE-X2-2/8303116		

15602		8/29	
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15603		8/29	
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15604		8/30	
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B8410A1-BK			
PR8585-129		8/28	15605
bk			
↓			
		8/28	15606
		8/27	15607
		8/27	15608
		8/28	15609
		8/27	15610
		8/30	15611
		8/28	15612

15613	B8410A1-BK	8/28	PR 8585-129	BK ↓
15614		8/27		
15615		8/28		
15616		8/29		
15617		8/28		
15618		8/29		
15619		8/29		
15620		8/28		

B8410A1-BK

PR8585-729

bk

↓

8/28

15621

8/28

15622

8/29

15623

8/28

15624

BOND

14

8/30

15625

8/29

15626

8/28

15627

8/28

15628

15629	B8410A1 - Bk	PR 8585-729	8/28	bk	↓
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15630			8/30		
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15631			8/28		
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15632			8/29		
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15633			8/27		
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15634			8/29		
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15635			8/29		
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15636			8/30		
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B8410A1-Bk

8/29

15637

8/28

15638

8/28

15639

8/28

15640

8/27

15641

8/30

15642

8/30

15643

9/2

15644

15645	B8410A1-Bx	8/29	PR8585-129	bx ↓
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15646		8/27		
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15647		8/27		
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15648		8/31		
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15649		8/30		
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15650	LEAH	9/14		35
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15651		8/29		
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15652		8/29		
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BS410A1-Bk					
PR 858S-729				8/31	15653
bk					
↓					
				9/2	15654
				8/30	15655
				8/28	15656
				8/28	15657
				8/30	15658
				8/29	15659
				8/30	15660

	B8410A1 - Bk			
15661		8/30	PR8585-729	bk ↓

15662		8/30		
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15663		8/29		
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15664		9/2		
-------	--	-----	--	--

15665		8/30		
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15666		8/29		
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15667		9/2		
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15668		8/29		
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	B8410A1-BK				
PR 8585-729			9/2	15669	
BK ↓					
			9/2	15670	
			8/28	15671	
			8/30	15672	
			8/30	15673	
			8/29	15674	
	L-202				
119			9/8	15675	
			8/29	15676	

15677	B8410A1 - Bk	8/28 PR 8585 - 129	bk ↓
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15678		8/29	
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15679		8/29	
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15680		8/29	
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15681		8/29	
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15682		8/29	
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15683		8/28	
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15684		8/28	
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B8410A1-Bk						
PR8585-729				8/29	15685	
bk						
↓						
				8/28	15686	
				8/29	15687	
				8/27	15688	
				8/30	15689	
				8/30	15690	
				8/28	15691	
				8/29	15692	

15693	B8410A1-B*	9/2	PR8585-729	bx ↓
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15694		8/29		
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15695		8/26		
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15696		8/26		
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15697		8/27		
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15698		8/29		
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15699		8/29		
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15700		8/29		
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Note: PP on 9/17 from rows 15701 - 800; only very
early plants heading but picked prior to **12**
meet planting deadline for PR fall money!

B8410A2-BK			
PR 8731-896	8/28	15701	
bns ↓			
	8/27	15702	
	8/27	15703	
	8/28	15704	
9/17			
PP	8/27	15705	
	8/28	15706	
	8/28	15707	
	8/28	15708	

15709	138410 A2-BK	8/28	PR 8731-896 bx ↓
15710		8/27	
15711		8/29	
15712	9/17	8/27	
15713		8/28	
15714		8/27	
15715		8/27	
15716		8/28	

8/27

15717

8/27

15718

8/29

15719

8/29

15720

8/29

15721

8/28

15722

8/27

15723

8/29

15724

15725	RU8003050	9/10	18952
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15726	B8410A2-BK	8/27	PR 8731-896 bx ↓
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15727		8/29	
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15728	pp 9/17	8/29	
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15729		8/28	
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15730		8/30	
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15731		8/28	
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15732		8/29	
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8/28

15733

8/27

15734

8/29

15735

8/29

15736

8/27

15737

8/27

15738

8/27

15739

8/29

15740

15741 B8410A2-BK

PR 8731-896

8/27

bk

↓

15742

8/27

15743

9/2

15744

pp. 9/17

8/28

15745

8/29

15746

8/29

15747

8/29

15748

8/29

8/29

15749

RU8303116

13973

9/5

15750

8/29

15751

8/30

15752

8/30

15753

8/29

15754

8/28

15755

8/30

15756

B8410A2-Bx

15757

PR 8731-896

8/30

bx

↓

15758

8/29

15759

8/29

15760

PP 7/17

8/30

15761

8/28

15762

8/29

15763

8/30

15764

8/31

9/2

15765

9/2

15766

8/29

15767

8/29

15768

8/29

15769

8/29

15770

8/28

15771

8/28

15772

15773	B8410A2-Bk	8/30	PR 8731-896 bk ↓
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15774		8/30	
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15775	LIBLE-X2-2	9/5	3424
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15776	B8410A2-Bk	8/27	PR 8731-896 bk ↓
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15777		8/30	
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15778		8/28	
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15779		8/29	
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15780		8/28	
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8/28

15781

8/30

15782

8/28

15783

8/29

15784

8/29

15785

8/27

15786

8/29

15787

8/28

15788

15789	B8410A2-Bx	8/30	PR8731-896 bg ↓
15790		8/30	
15791		8/28	
15792	9/17	8/28	
15793		8/27	
15794		8/30	
15795		8/28	
15796		8/27	

B8410A2-BK

PR 8731-896

bx
↓

8/29

15797

8/30

15798

8/30

15799

8/27

15800

B8413A2-13-1

PR 8910

RXMT/LEAH

9/18

15801

-2

9/14

15802

-3

9/13

15803

-4

9/18

15804

15805

-5

9/17

15806

B8413A2-16-1

9/12

PR 8913

15807

-2

9/11

15808

-3

9/11

15809

-4

9/10

15810

-5

9/9

15811

B8413A2-19-1

9/15

PR 8916

15812

-2

9/11

-3

9/12

15813

-4

9/15

15814

-5

9/11

15815

PP

B8413A2-23-1

PR 8920

9/9

15816

PP

-2

9/9

15817

-3

9/9

15818

PP

-4

9/10

15819

-5

9/7

15820

15821	B8413A2-29-1	9/8	PR 8927
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15822	-2	9/11	
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15823	-3	9/10	
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15824	-4	9/11	
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15825	-5	9/9	
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15826	RXMT	9/7	HR
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15827	B8413A2-39-1	9/7	PR 8937
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15828	-2	9/9	
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-3

9/7

15829

-4

9/11

15830

-5

9/12

15831

B8413A2-41-1

PR 8439

9/11

15832

-2

9/8

15833

-3

9/13

15834

-4

9/9

15835

-5

9/9

15836

15837	B8413A2-43-1	9/11	PR 8941
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15838	-2	9/12	
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15839	-3	9/13	
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15840	-4	9/10	
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✓ PP

15841	-5	9/10	
-------	----	------	--

15842	B8413A2-49-1	9/12	PR 8947
-------	--------------	------	---------

15843	-2	9/12	
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✓ PP

15844	-3	9/12	
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-4

9/12

15845

-5

9/11

15846

PP

B8413A2-53-1

PR 8952

9/12

15847

PP

-2

9/12

15848

-3

9/11

15849

-4

9/10

15850

-5

9/11

15851

LEAH

35

9/13

15852

15853 B8413A2-61-1 9/15 PR8960

15854 -2 9/16

15855 -3 9/15
✓ PP

15856 -4 9/13

15857 -5 9/14

15858 B8413A2-64-1 9/13 PR8963
✓ PP

15859 -2 9/9

15860 -3 9/13

-4

9/12

15861

-5

9/12

15862

PP

B8413A2-72-1

PR 8971

9/12

15863

-2

9/11

15864

-3

9/11

15865

-4

9/11

15866

PP

-5

1/8

15867

B8413A2-73-1

PR 8972

9/13

15868

15869

-2

9/12

15870

-3

9/9

15871

-4

9/11

15872

-5

9/15

✓
PP

15873

GFMT

9/7

HR

15874

B8413A2-79-1

9/8

PR 8978

15875

-2

9/6

15876

-3

9/7

-4

9/8

15877

-5

9/7

15878

B8413A3-12-1

PR 8992

9/9

15879

-2

9/10

15880

-3

9/10

15881

PP

-4

9/10

15882

-5

9/10

15883

PP

B8413A3-16-1

PR 8996

9/4

15884

15885

-2

9/4

15886

-3

9/4

✓
PP

15887

-4

9/4

15888

-5

9/5

✓
PP

15889

B8413A3-17-1

9/2

PR 8997

15890

-2

9/3

15891

-3

9/3

✓
PP

15892

-4

9/3

-5

9/3

15893

B8413A3-19-1

PR 8999

9/7

15894

PP

-2

9/8

15895

-3

9/10

15896

-4

15897

-5

9/10

15898

B8413A3-25-1

PR 9005

9/11

15899

PP

-2

9/15

15900

✓
PP
15901

-3

9/10

15902

-4

9/12

15903

-5

9/15

15904

B8413A3-26-1

9/12

PR9006

15905

-2

9/10

15906

-3

9/8

✓
PP
15907

-4

9/9

15908

-5

9/11

PR 9010	B8413A3-30-1	9/14	15909 ✓ PP
	-2	9/14	15910
	-3	9/12	15911 ✓ PP
	-4	9/14	15912 ✓ PP
	-5	9/14	15913
PR 9029	B8413A3-48-1	9/11	15914 ✓ PP
	-2	9/17	15915
	-3	9/14	15916

15917

-4

9/7

15918

-5

9/11

15919

B8413A3-53-1

9/11

PR9034

15920

-2

9/8

15921

-3

9/11

15922

-4

9/10

15923

-5

9/10

15924

LMNT

9/9

HR

B8413A3-56-1

PR 9037

9/10

15925

-2

9/7

15926

-3

9/6

15927

-4

9/6

15928

-5

9/11

15929

B8413A3-60-1

PR 9041

9/9

15930

-2

9/10

15931

-3

9/8

15932

15933

-4
9/12

15934

-5
9/12

15935

B8413A3-62-1

9/13

PR9043

15936

-2
9/14

15937

-3
9/12

15938

-4
9/11

15939

-5
9/5

15940

B8413A4-2-1

9/11

PR9047

-2

9/12

15941

-3

9/12

15942

-4

9/11

15943

-5

9/10

15944

B8413A4-7-1

PR 9052

9/11

15945

-2

9/11

15946

-3

9/11

15947

PP

-4

9/8

15948

15949	-5	9/12	
15950	Check	9/11	?
15951	B8413A4-8-1	9/7	PR 9053
15952	-2	9/7	
✓ PP			
15953	-3	9/8	
15954	-4	9/8	
15955	-5	9/7	
15956	B8413A4-11-1	9/11	PR 9056

-2

9/10

15957

-3

9/10

15958

-4

9/11

15959

-5

9/11

15960

pp

B8413A4-24-1

PR9069

9/12

15961

-2

9/11

15962

-3

9/12

15963

-4

9/13

15964

15965

-5

9/15

✓
PP

15966

B8413A4-20-1

9/15

PR 9065

15967

-2

9/13

✓
PP

15968

-3

9/10

15969

-4

9/14

15970

-5

9/16

15971

B8413A4-29-1

9/12

PR 9074

✓
PP

15972

-2

9/12

-3

9/11

15973

-4

9/12

15974

-5

9/10

15975

BLMT

56

9/9

15976

B8413A4-30-1

PR9076

9/11

15977

-2

9/7

15978

-3

9/6

15979

-4

9/6

15980

PP ✓

15981

-5

9/8

15982

B8220A1 - Bk - 26 - Bk

9/16

PR 9387

KCAI/LEAH * 2

bk

↓

15983

-Bk

9/12

✓ PP

15984

-Bk

9/16

15985

-Bk

9/15

15986

-Bk

9/12

15987

B8220A1 - Bk - 28 - 1

9/10

PR 9389

15988

-2

9/7

-3

9/7

15989

PP[✓]

-4

9/12

15990

-5

9/11

15991

B8220A1-BK-34-1

PR 9395

9/13

15992

-2

9/12

15993

PP[✓]

-3

9/13

15994

-4

9/14

15995

-5

9/13

15996

15997	SSD/SSS	9/15	5626
15998	" 10/21 BK	9/4	"
15999	13-D		4473
16000	"		"
16001	B8220A1-BK-35-1	9/9	PR9396
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16003		-3 9/16	
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16016

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16017

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16018

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16019

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B8220A1-Bk-54-1

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PP
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PR9427

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✓
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PR 9429	B8220A1-Bk-6T-1	9/14	16037
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	-2	9/15	16038
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	-3	9/15	16039
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	-4	9/16	16040
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PP ✓

	-5	9/15	16041
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PR 9432	B8220A1-Bk-10-Bk	9/10	16042
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	-Bk	9/9	16043
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	-Bk	9/8	16044
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PP ✓

16045

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16046

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PR 9433

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16059

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pp

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16062

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16063

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B8220A1-Bk-88-Bk

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PR9451
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16065

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PR9462

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16122

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16123

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16142

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PR 8007

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16145

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PR 8019

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PR 8022

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16173	LBLE	9/5	16
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16174	B849A2-23-1	9/6	PR 8024
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16175	-2	9/4	
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16176	-3	9/5	
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16177	-4	9/5	
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✓ PP

16178	-5	9/5	
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16179	B849A2-24-1	9/5	PR 8025
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16180	-2	9/3	
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16183

PP ✓

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PR 8029

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16184

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16185

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16186

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16189

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PR8030

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PP

16190

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16191

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16192

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PR 8033

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16200

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16201

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16202

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16203

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PR 8034

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16204

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16205

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16206

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16209

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PR 8036

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16214

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16215

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16216

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16217

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PR 8041

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PR 8044

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16234

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16238

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PR 8048

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PP

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PR 8053

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PR 8065

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✓ PP

16291

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PR 8078

✓ PP

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PR 8078

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PR 8086

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16316

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PP

16317	B849A2-93-1	9/3	PR 8097
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16318	-2	9/3	
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16319	-3	9/3	
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PP

16320	-4	9/3	
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16321	-5	9/3	
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16322	B849A2-101-1	9/3	PR 8105
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✓
PP

16323	-2	9/3	
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16324	-3	9/4	
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16333	B849A2-108-1	9/6	PR8112
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16334	-2	9/6	
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16335	-3	9/4	
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16336	-4	9/6	
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PP

16337	-5	9/3	
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16338	B849A2-111-1	9/6	PR8115
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16339	-2	9/4	
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				PA ✓
PR 8117	B849A2-113-1		918	16343
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16351 -3 9/5

16352 -4 8/30

16353 -5 9/2

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16356 -3 9/3

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PR 8143

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	-2	9/2	16459
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16462	-5	9/8	
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16463	-6	9/9	
✓ PP			

16464	-7	9/12	
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16465	-8	9/3	
✓ PP			

16466	-9	9/11	
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16467	-10	9/3	
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16468	-11	9/3	
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PP

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16483 -25 9/2

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PP
16484 -26 9/17

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16485

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16488

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16489

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16490

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16491

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16493 BS49A2-BK-35 9/6 PR8175-200

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16494 -36 9/7

16495 -37 9/5

16496 -38 9/5

16497 -39 9/2

16498 -40 9/3

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16499 -41 9/7

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16509	B849A2-Bk-51	9/4	PR8175-200
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16511	-53	9/5	
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16512	-54	9/6	
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16513	-55	9/2	
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16514	-56	9/3	
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16515	-57	8/29	
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16516	-58	9/5	
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16528	-69	9/3	
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16529	-70	8/30	
16530	-71	1/10	
16531	-72	9/4	
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16532	-73	9/4	

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16558 -98 9/7

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16559 -99 9/5

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-111	9/3	16571	
-112	9/3	16572	P/P ✓ BK 10/21

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16574	-114	9/11	
16575	LBLE-X2-2	9/5	3424
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-123	9/3	16584
-124	9/8	16585
-125	9/9	16586
-126	9/5	16587
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16591 -130 9/2

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16656	-193	9/6	
16657	-194	9/8	
16658	-195	9/10	
16659	-196	9/3	
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16661

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16664

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16672	-3 9/10		
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16680

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16681

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16682

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16686

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16688

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16689

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16690

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16691

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16693

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16695

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16697

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16698

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BK 10/21

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16699

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16700

16701	B849A3-23-1	9/5	PR 8223
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16702	-2	9/11	
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16703	-3	9/9	
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16704	-4	9/3	
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✓
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16705	-5	9/7	
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16706	B849A3-27-1	9/4	PR 8228
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✓
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BR 10/1

16707	-2	9/5	
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16708	-3	9/6	
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16709

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16710

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PR 8230

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✓ P/P

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✓ P/P
BK 10/21

16723

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16738 -2
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pp

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16744

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16745

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PR8254

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16752

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PR 8258

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16757

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16761

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16762

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16773

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16776

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16777

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16778

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PR 8264

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16779

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16780

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16782

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16783

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16784

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PR 8265

16785

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16786

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✓

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16787

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PR 8271

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16789

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16791

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PR 8271

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16796

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CI 9902

24571

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PR 8278

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16803

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PR 8289

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PR 8290

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PR 8299

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16841

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16843

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16844

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PR 8309

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16852

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p/p ✓

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	-4	9/7	16856
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	-5	9/8	16857
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PR8318	B849A3-115-1	9/11	16858
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	-2	9/8	16859
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16862	-5	9/7	
16863	B849A3-123-1	9/8	PR8327
16864	-2	9/3	
16865	-3	9/3	
16866	-4	9/3	
16867	-5	9/11	
16868	B849A3-124-1	9/2	PR8328

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16871

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16872

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PR 8329

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16873

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16874

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16877	-5	9/3	
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16879	B849A3-127-1	7/8	PR 8331
16880	-2	9/6	
16881	-3	9/8	
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16883	-5	9/6	
16884	B849A3-131-1	9/6	PR 8335

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16886

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16887

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16888

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16892

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16911

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PR8353

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16912

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16925	CB801	9/17	3450
16926	B849A3-BK-5	9/4	PR8365-89
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✓ P/P			
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16930	-9	9/11	
16931	-10	9/6	
16932	-11	9/2	
✓ P/P			

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16944 -23 9/14

16945 -24 9/11
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16946 -25 9/14

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16962

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911

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16974	B849A3-BK-51	9/8	PR8365-89
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✓ P/P

16975	-52	9/3	
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16976	-53	9/8	
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16977	-54	9/2	
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16978	-55	9/5	
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✓ P/P

16979	-56	9/4	
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✓ P/P

16980	-57	9/3	
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-58

9/3

16981

-59

9/3

16982

P/P ✓

-60

9/3

16983

-61

9/1

16984

P/P ✓

-62

9/8

16985

-63

9/2

16986

-64

9/4

16987

P/P ✓

-65

9/5

16988

16989 B849A3 - Bk -66 9/3 PR 8365-89

16990 -67 9/8

16991 -68 9/4
✓ P/P

16992 -69 9/4

16993 -70 9/3

16994 -71 8/29

16995 -72 9/4
✓ P/P

16996 -73 9/3

-74

9/8

16997

-75

9/4

16998

-76

9/9

16999

-77

9/5

17000

Block Seeding Dates

15201-15800 6/23

15801-16400 6/23

16401-17000 6/24

Refugees completed!

B8451A = NWBT/8303181

B8410A1 = LBLE-X2-2/8303116

B8413A = RXMT/LEAH

B8220A = KCAI/LEAH * 2

B849A = 8303116/LMNT

16001-16100 missing

16010

16400

16799

16899

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

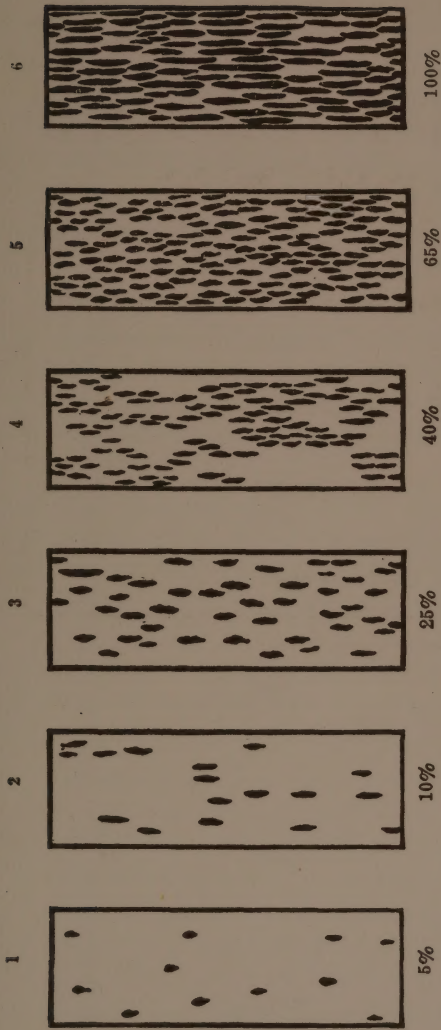


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

17001	B849A3-BK-	9/12	PR 8365-89
	R08303116/LMNT		
17002		9/4	
17003		9/4	
17004		9/5	
17005		9/5	
17006		9/9	
17007		9/4	
17008		9/2	

PR 8365-89

9/3

17009

9/2

17010

9/3

17011

9/3

17012

9/2

17013

9/4

17014

9/8

17015

9/3

17016

17017	9/5	PR 8365-89
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17018	9/2	
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17019	9/4	
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17020	8/30	
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17021	9/5	
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17022	9/4	
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17023	9/3	
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17024	RU8403144	9/5	26
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PR 8365-89

9/11

17025

9/18

17026

9/13

17027

9/4

17028

9/4

17029

9/5

17030

9/5

17031

9/5

17032

B849A3-BK-

17033

9/5

PR 8365-89

17034

9/12

17035

9/5

17036

9/9

17037

9/15

17038

9/4

17039

9/14

17040

9/5

B849A3-Bk-
PR8365-89

9/7

17041

9/9

17042

9/5

17043

9/5

17044

9/5

17045

9/10

17046

9/10

17047

9/9

17048

	B849A3-			
17049		9/2		PR8365-89
17050		9/7		
17051		9/11		
17052		9/8		
17053		9/7		
17054		8/30		
17055	RU 1903157	9/14		1115
OK 10/21				
17056		9/12		

PR 8365-89

9/4

17057

9/10

17058

9/7

17059

9/10

17060

9/10

17061

9/13

17062

9/6

17063

9/3

17064

B849A3-

17065

9/3

PR8365-89

17066

9/11

17067

9/8

17068

9/6

17069

9/7

17070

9/5

17071

9/3

17072

9/8

9/3

17073

9/9

17074

9/9

17075

RU 7801007

1062

9/6

17076

BX 10/21

9/8

17077

9/4

17078

9/4

17079

9/7

17080

B849A3-

17081

9/2

17082

9/2

17083

9/2

17084

9/5

17085

9/11

17086

9/4

17087

9/2

17088

9/2

9/7

17089

9/8

17090

9/8

17091

9/2

17092

8/29

17093

9/7

17094

9/4

17095

1/3

17096

B849A3-

17097

9/6

17098

9/5

17099

9/2

17100

9/5

17101

9/3

17102

9/9

17103

7/2

17104

9/6

9/4

17105

9/3

17106

9/4

17107

8/31

17108

9/12

17109

9/2

17110

9/3

17111

9/9

17112

B849A3-

17113

9/8

17114

9/6

17115

9/4

17116

9/4

17117

9/3

17118

9/6

17119

9/5

17120

9/6

9/7

17121

9/2

17122

9/2

17123

9/7

17124

9/3

17125

9/7

17126

PI 408449

10948

9/15

17127

BX 10/21

B8411A2-11-1

PR 8401

9/4

17128

LBLE-X2-2/LMNT

17129

-2

9/7

✓
PP
17130

-3

9/6

17131

-4

9/10

17132

-5

9/10

17133

B8411A2-28-1

9/8

PR 8418

✓
PP
BK 10/1
17134

-2

9/8

17135

-3

9/9

17136

-4

9/10

-5

9/8

17137

B8411A2-33-1

PR 8423

9/4

17138

-2

9/4

17139

-3

9/7

17140

-4

9/6

17141

-5

9/4

17142

B8411A2-38-1

PR 8429

9/8

17143

-2

9/9

17144

✓
PP
BK 10/21
17145

-3
9/9

17146

-4
9/8

17147

-5
9/7

17148

LBLE-X2-2

9/6

3424

17149

B8411A2-42-1

9/5

PR8433

17150

-2

9/8

✓
PP
BK 10/21
17151

-3

9/5

17152

-4

9/8

-5

9/5

17153

B8411A2-46-1

PR8437

9/8

17154

-2

9/7

17155

-3

9/7

17156

-4

9/9

17157

-5

9/9

17158

PP ✓

BX 17/21

B8411A2-70-1

PR8462

9/7

17159

-2

9/9

17160

17161

-3
9/8

✓
PP
BK 10/21

17162

-4
9/8

17163

-5
9/8

B8411A2-82-1

17164

9/8

PR8474

17165

-2

9/7

✓
PP

17166

-3

9/8

17167

-4

9/6

17168

-5

9/6

B8411A2-98-1

PR8491

9/7

17169

-2

9/7

17170

PP

-3

9/7

17171

-4

9/6

17172

-5

9/6

17173

LMNT

HR

9/12

17174

B8411A2-BK-1

PR8391-8557

9/5

17175

-2

9/4

17176

17177	B8411A2-BK-3	9/5	PR 8391-8557	
17178	-4	9/4		
17179	-5	9/4		
✓ PP				
17180	-6	9/4		
17181	-7	9/3		
✓ PP				
17182	-8	9/4		
✓ PP				
17183	-9	9/2		
17184	-10	9/3		

B8411A2-BK-11

9/3

17185

-12

9/3

17186

pp ✓

-13

9/2

17187

pp ✓

-14

9/3

17188

-15

9/3

17189

pp ✓

-16

9/5

17190

-17

9/4

17191

pp ✓

-18

9/2

17192

pp ✓

B8411A2-Bk-19

17193

9/4

PR8391-8557

17194

-20

9/3

17195

-21

9/4

✓
PP

17196

-22

9/4

17197

-23

9/4

17198

-24

9/4

✓
PP

17199

-25

9/5

✓
PP

17200

-26

9/5

B8411A2-Bk-27

9/6

17201

-28

9/3

17202

-29

9/2

17203

-30

9/2

17204

-31

9/1

17205

-32

9/2

17206

-33

9/4

17207

PP ✓

-34

9/4

17208

PP ✓

17209	B841A2-Bk-35	9/5	PR8391-8557
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17210	-36	9/3	
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17211	-37	9/2	
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✓
PP

17212	-38	9/5	
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17213	-39	9/3	
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17214	-40	9/4	
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17215	-41	9/4	
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17216	-42	9/3	
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✓
PP

B8411A2-BK-43

9/5

17217

PP ✓

-44

9/5

17218

-45

9/3

17219

-46

9/5

17220

-47

9/3

17221

-48

9/2

17222

PP ✓

-49

9/2

17223

PP ✓

-50

9/2

17224

17225	LBLE	9/6	16
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17226	BS411A2-BK-51	9/3	
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17227	-52	9/5	
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17228	-53	9/3	
✓ PP			

17229	-54	9/4	
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17230	-55	9/4	
✓ PP			

17231	-56	9/2	
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17232	-57	9/5	
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B8411A2-Bx-58

9/6

17233

PP ✓

-59

9/2

17234

-60

9/6

17235

PP ✓

-61

9/6

17236

-62

9/7

17237

-63

9/5

17238

PP ✓

-64

9/2

17239

-65

9/6

17240

PP ✓

	B8411A2 - Bk - 66			
17241		9/3	PR 8391-8557	
	-67			
17242		9/3		
✓ PP				
	-68			
17243		9/2		
	-69			
17244		9/3		
✓ PP				
	-70			
17245		9/6		
	-71			
17246		9/5		
	-72			
17247		9/3		
	-73			
17248		9/4		
✓ PP				

B8411A2-B3K-74

9/4

17249

PP ✓

-75

9/4

17250

-76

9/6

17251

PP ✓

-77

9/4

17252

-78

9/2

17253

PP ✓

-79

9/4

17254

-80

9/6

17255

PP ✓

-81

9/3

17256

B8411A2-Bk-82

17257

9/5

PR 8391-8557

✓ PP

-83

17258

9/2

-84

17259

9/3

✓ PP

-85

17260

9/6

-86

17261

9/4

✓ PP

-87

17262

9/4

-88

17263

9/3

✓ PP

-89

17264

9/5

B8411A2-Bk-90

9/5

17265

PP ✓

-91

9/5

17266

-92

9/4

17267

-93

9/5

17268

-94

9/4

17269

PP ✓

-95

9/5

17270

-96

9/2

17271

-97

9/5

17272

B8411A2-BK-98

✓
17273

9/3

PR 8391-8557

pp

-99

17274

9/6

-100

✓
17275

9/4

pp

-101

17276

9/5

TR02

17277

9/12

53

B8411A2-BK-102

17278

9/2

PR 8559-83

-103

✓
17279

9/8

pp

-104

✓
17280

9/6

pp

B8411A2-Bk-105

9/5

17281

-106

9/5

17282

-107

9/3

17283

-108

9/6

17284

-109

9/5

17285

-110

9/5

17286

-111

9/4

17287

PP

-112

9/4

17288

PP

B8411A2- Bk - 113

17289

9/5

PR559-83

✓ PP

-114

17290

9/2

-115

17291

9/5

✓ PP

-116

17292

9/3

-117

17293

9/4

-118

17294

9/5

-119

17295

9/5

✓ PP

-120

17296

9/8

B8411A2-Bk-121

9/5

17297

-122

9/5

17298

-123

9/6

17299

pp ✓

-124

9/8

17300

-125

9/5

17301

pp ✓

-126

9/7

17302

pp ✓

-127

9/8

17303

pp ✓

-128

9/7

17304

17305	B8411A2-Bx-129	9/7	PR8559-83
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✓ PP			
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17306	-130	9/6	
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17307	-131	9/7	
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✓ PP			
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17308	-132	9/8	
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17309	-133	9/4	
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17310	-134	9/6	
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17311	-135	9/7	
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✓ PP			
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17312	-136	9/7	
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✓ PP			
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B8411A2-Bk-137

9/5

17313

-138

9/8

17314

-139

9/5

17315

-140

9/8

17316

-141

9/8

17317

PP ✓

-142

9/8

17318

-143

9/8

17319

PP ✓

-144

9/5

17320

17321	B8411A2-Bic-145	9/8	PR8559-83
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17322	-146	9/7	
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17323	-147	9/3	
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17324	-148	9/2	
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17325	RU8003050	9/10	18952
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17326	B8411A2-Bic-149	9/4	
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17327	-150	9/6	
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17328	-151	9/5	
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B8411A2-Bk-152

9/7

17329

-153

9/8

17330

-154

9/13

17331

-155

9/5

17332

-156

9/3

17333

-157

9/2

17334

-158

9/7

17335

-159

9/10

17336

B8411A2-Bis-160

17337

9/6

PR 8559-83

17338

-161

9/6

✓
PP

17339

-162

9/5

17340

-163

9/11

17341

-164

9/8

17342

-165

9/5

17343

-166

9/7

17344

-167

9/5

B8411A2-Bx-168

9/8

17345

-169

9/3

17346

-170

9/5

17347

-171

9/6

17348

NWBT

54

9/11

17349

B8411A2-Bx-172

9/8

17350

-173

9/7

17351

-174

9/11

17352

B8411A2-Bk-175

17353

9/8

PR 8559-83

17354

-176

9/6

17355

-177

9/3

✓ PP

17356

-178

9/8

17357

-179

9/6

17358

-180

9/2

17359

-181

9/9

✓ PP

17360

-182

9/8

✓ PP

38411A2-Bk-183

9/5

17361

-184

9/5

17362

-185

9/4

17363

-186

9/7

17364

-187

9/5

17365

pp ✓

-188

9/5

17366

-189

9/7

17367

-190

9/7

17368

17369

B8411A2-Bk-191

9/5

PR8559-83

17370

-192

9/8

17371

-193

9/6

17372

-194

9/11

17373

-195

9/7

17374

-196

9/6

17375

RXMT

9/7

HR

17376

B8411A2-Bk-197

9/9

38411A2-BK-198

9/6

17377

PP ✓

-199

9/8

17378

PP ✓

-200

9/6

17379

-201

9/6

17380

PP ✓

-202

9/3

17381

PP ✓

-203

9/2

17382

-204

9/5

17383

-205

9/5

17384

PP ✓

17385	B8411A2-Bk-206 9/5	PR 8559-83
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17386	-207 9/10	
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17387 ✓ PP	-208 9/6	
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17388 ✓ PP	-209 9/8	
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17389	-210 9/4	
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17390	-211 9/4	
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17391	-212 9/4	
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17392 ✓ PP	-213 9/6	
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B8411A2-BK-214

9/5

17393

-215

9/3

17394

-216

9/4

17395

-217

9/3

17396

-218

9/7

17397

-219

9/6

17398

-220

9/8

17399

-221

9/3

17400

17401	B8411A2-Bk-222	9/5	PR8559-83
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✓
PP

17402	-223	9/6
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17403	-224	9/7
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17404	-225	9/4
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17405	-226	9/9
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✓
PP

17406	-227	9/6
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17407	-228	9/5
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✓
PP

17408	-229	9/4
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3841A2-13k-230

9/7

17409

-231

9/4

17410

-232

9/6

17411

-233

9/3

17412

-234

9/1

17413

-235

9/4

17414

pp✓

-236

9/4

17415

-237

9/6

17416

B8411A2-Bk-238

17417

9/6

PR8559-83

17418

-239

9/10

17419

-240

9/5

17420

-241

9/5

17421

-242

9/7

17422

-243

9/3

17423

-244

9/4

17424

-245

9/4

✓ PP

-246

9/9

17425

TBNT

13

9/6

17426

B8411A2-Bx-247

9/8

17427

-248

9/5

17428

-249

9/7

17429

-250

9/9

17430

-251

9/4

17431

pp ✓

-252

9/9

17432

pp ✓

17433	B8411A2-Bx-253	9/5	PR8559-83
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17434	-254	9/7	
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✓
PP

17435	-255	9/6	
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✓
PP

17436	-256	9/5	
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17437	-257	9/4	
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17438	-258	9/7	
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17439	-259	9/9	
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17440	-260	9/8	
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B8411A2-BK-261

9/6

17441

-262

9/11

17442

PP ✓

-263

9/11

17443

-264

9/9

17444

-265

9/7

17445

-266

9/3

17446

-267

9/10

17447

PP ✓

-268

9/8

17448

PP ✓

17449	B8411A2-Bk-269 9/5	PR8559-83
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17450	-270 9/5	
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17451	-271 9/5	
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✓ PP

17452	LMNT 9/12	HR
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17453	B8411A2-Bk-272 9/7	
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✓ PP

17454	-273 9/8	
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17455	-274 9/4	
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✓ PP

17456	-275 9/10	
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B8411A2-Bk-276

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17457

-277

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17460

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17461

✓
PP

-281

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17462

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17463

✓
PP

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17464

B8411A2-Bk-284

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PR 8559-83

✓ PP

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17467

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✓ PP

-287

17468

9/9

✓ PP

-288

17469

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17470

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17471

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17472

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BOND

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9/2

17473

B8411A2-Bic-292

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17474

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17475

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17476

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17477

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17478

PP ✓

-297

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17479

PP ✓

-298

9/4

17480

PP ✓

	B8411A2-Bk-299			
17481		9/6	PR 8559-83	
	-300			
17482		9/8		
	-301			
17483		9/6		
	B8458A1-			
17484		-	PR 9792-9816	
			bx	
			↓	
17485		9/1		
17486		7/4		
17487		9/4		
17488		9/3		

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17496

	B8458A1-			
17497		9/4	PR9792-9815	bk
17498		9/4		
17499		9/4		
17500		9/5		
17501		9/1		
17502		9/3		
17503		9/4		
17504		9/3		

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17506

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17508

B8459A4-

PR9816-25
bk

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17509

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17512

	B8459A4-			
17513		9/5	PR9816-25	
17514		9/4		
17515		9/3		
17516		9/8		
17517		9/4		
17518		8/29		
17519		8/26		
17520		9/		

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Basmati 370

24656

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17529	B8459A4-	9/2	PR 9816-25 b/c ↓
17530		9/7	
17531		9/8	
17532		9/4	
17533		9/11	
17534		9/3	
17535	B8459A5-	9/7	PR 9826-46 b/c ↓
17536		9/6	

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B8459A5-

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PR 9826-46

b/c

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SKBT

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17551

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17560

17561	B8460A6-	9/5	PR 9848-80 bks
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17562		9/4	
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17563		9/5	
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17564		9/6	
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17565		9/4	
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17566		9/7	
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17567		9/7	
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17568		9/8	
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DLA

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17571

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17577	B8460A6-	9/5	PR9848-80 br
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17578		9/3	
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17579		9/6	
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17580		9/5	
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17581		9/5	
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17582		9/5	
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17583		9/7	
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17584		9/5	
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17585

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17586

B8460A7-

PR9882-9910

bks

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17588

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17589

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17593	B8460A7-	9/2	PR9882-9910
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17594		9/3	
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17595		9/2	
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17596		9/2	
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17597		9/2	
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17598		9/2	
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17599		9/2	
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17600		9/5	
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17601

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17609	B8460A7-	9/5	PR9882-9910
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17610		9/8	
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17611		9/5	
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17612	B8461A1-	8/29	PR9912-23 bk
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17613		9/2	
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17614		9/5	
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17615		9/3	
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17616		9/6	
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17625	B8461A1- Probably NWRX	9/11	PR9912-23	
17626		8/26		
17627	NWRX Not NWRX ??	9/8	158	
17628		9/7		
17629		9/5		
17630		9/5		
17631		7/4		
17632		9/5		

B8461A1-

PR9912-23

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B8461A3-

PR9924-45

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17640

B8461A3-

17641

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PR9224-45

bx

17642

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17643

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17644

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RU8303116

17648

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13973

B8461A3-

PR 9224-45

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	B8461A3-			
17657		913	PR9224-45	b6
17658		915		
17659		917		
17660		914		
17661		913		
17662		914		
17663		915		
	B8462A3-			
17664		8130	PR9947-66	

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17673	B8462A3-	8/30	PR9947-66 bk
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17674	RXMT	9/11	HR
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17675		9/2	
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17676		9/4	
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17677		9/4	
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17678		9/2	
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17679		9/2	
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17680		9/1	
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17681

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17687

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17688

17689

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17690

B8462A4-

9/4

PR 9967-82

bk

17691

9/4

17692

9/4

17693

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17694

9/3

17695

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17696

9/5

9/4

17697

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17698

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17699

9/7

17700

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17701

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17702

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17703

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17704

B8462A4 -

17705

9/4

PR9967-82

bx
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17706

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B8463A3-

PR9984-10006

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17715

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17718

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17719

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17720

B8463A3-

17721

PR9984-10006

9/5

br

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17722

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17723

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17724

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CB 801

17725

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17726

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	B8463A3 -			
17737		9/4	PR 9984-10006	
17738		9/5		
17739		9/4		
17740		9/8		
	B8463A4 -			
17741		9/5	PR 10007-25 bks ↓	
17742		9/6		
17743		9/5		
17744		9/6		

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CP231

13200

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17751

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17752

17753	BS463A4-	9/4	PR10007-25 bix
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17754		9/4	
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17755		9/3	
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17756		9/3	
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17757		9/3	
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17758		9/4	
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17759		9/2	
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17760		9/4	
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17761

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17762

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17763

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17764

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17766

B8464A5

9/4

17767

PR10027-43

bx

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9/4

17768

B8464A5-

17769

9/4

PR10027-43

bis
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17770

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17771

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HR LMNT

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17777

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17778

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17780

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17781

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17783

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B8464A5-

17785

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PR10027-43

b/c

17786

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17787

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17789

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17791

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17792

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B8465A1

PR10045-72

bx

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17793

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17800

	B8465A1-		
17801		9/10	PR10045-72 bk
17802		9/4	
17803		9/8	
17804		9/4	
17805		9/8	
17806		9/8	
17807		9/6	
17808		9/9	

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17809

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17817	B8465A1-	9/11	PR10045-72 bk
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17818	B8466A3-	9/11	PR10074-90 bk
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17819		9/7	
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17820		9/4	
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17821		9/10	
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17822		9/8	
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17823		9/10	
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17824		9/11	
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BLMT

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17825

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17833	B8466A3-	9/9	PR10074-90 bk
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17834		9/10	
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17835		9/8	
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17836		9/6	
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17837		9/11	
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17838		9/7	
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17839		9/9	
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17840		9/8	
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17841

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17842

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17843

B8466A5

PR10091-10103

bk

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17844

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17846

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17848

17849	Basmati 370			24656
17850	B8466A5-	9/7	PR 10091-10103	bis
17851		9/4		
17852		9/3		
17853		9/5		
17854		9/3		
17855		8/28		
17856		9/4		

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17861

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17862

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17863

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17864

	B8466A5-			
17865		9/6	PR 10091-10103	
17866		9/7		
17867		9/7		
17868		9/2		
17869		8/30		
17870	L-201	9/1	3278	
17871	B8467A3-	8/29	PR 10105-121 bk	
17872		9/6		

8/30

17873

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17874

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17875

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17876

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17877

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17878

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17879

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17880

B8467A3-

17881

8/1

PR10105-121

bks

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17882

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17883

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17884

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17885

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17886

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17887

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17888

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17889

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17891

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17893

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17895

Basmati 370

24656

17896

17897	Basmati 370		24656
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17898	"		"
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17899	"		"
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17900	"		"
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17901	B8468A-	9/7	PR10123-146
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17902		9/5	
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17903		9/8	
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17904		9/4	
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17905

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17913	B8468A1-	8/31	PR10123 - 146
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17914		9/5	
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17915		9/5	
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17916		8/27	
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17917		8/30	
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17918		8/31	
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17919		9/5	
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17920		9/5	
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7999

RUT603091

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17926

B8414A1

PR10148-55

8/28

17927

RXMT/DLLA

8/29

17928

17929 B8414A1-

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	B8414A1-			
17945		8/30	PR 10148-155	
17946		9/3		
17947		9/1		
17948		8/30		
17949		8/31		
17950		8/30		
17951		8/31		
	DLA			
17952		9/11		189

B841462

PR 10156-165

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17953

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17959

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17961	B8414A2-	8/28	PR10156-165
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17962		8/30	
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17963		9/4	
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17964		9/3	
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17965		9/1	
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17966		9/2	
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17967		9/3	
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17968		9/1	
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B8414A2

PR10156-65

8/30

17969

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17971

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17972

LBLE

16

Only 3 plants

9/9

17973

9/11

17974

9/2

17975

8/29

17976

B8414A2-

17977

8/30

PR10156-165

17978

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B8414A4-

17979

9/2

PR10166-81

17980

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17981

9/1

17982

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17983

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17985

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17986

8/30

17987

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17990

8/28

17991

9/1

17992

B8414A4-

17993

8/29

PR10166-81

17994

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17995

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17996

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17997

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17998

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17999

8/30

18000

9/4

B8414A4-

PR10166-81

9/4

180001

9/3

180002

9/4

180003

B8422A1-

PR10183-92

9/6

180004

B7836A1-44-5/LMNT

9/5

180005

8/28

180006

9/4

180007

9/6

180008

B8422A1-

18009

8/30

PR 10183-92

18010

8/29

18011

9/5

18012

9/1

18013

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18014

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18015

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18016

9/4

B8422A1-

PR10183-92

9/4

18017

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18018

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18019

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18020

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18021

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18022

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18023

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18024

B8422A1-

18025

9/4 PR 10183-92

18026

9/4

18027

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18028

9/4

18029

CI 9881

9/7

24556

18030

B8422A2-

9/1

PR 10193-99

18031

8/22

18032

8/30

8/21

18033

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18034

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18035

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18036

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18037

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18040

38422A2-

18041

8/23

PR10193-99

18042

8/29

18043

8/28

18044

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18045

9/1

18046

8/28

18047

8/25

18048

8/29

8/29

18049

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18050

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18051

8/27

18052

8/26

18053

8/29

18054

PI 331581

21375

9/12

18055

B8422A3-

PR10200-08

8/27

18056

B8422A3-

18057

8/28

PR10200-08

18058

8/30

18059

8/30

18060

9/6

18061

9/4

18062

9/2

18063

9/2

18064

8/30

04-03087

9/2

18065

9/5

18066

9/4

18067

8/3

18068

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18069

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18070

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18071

9/4

18072

18073	B8422A3-	9/3	PR10200-08
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18074		9/3	
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18075		8/30	
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18076	LMNT	9/12	HR
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18077		9/2	
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18078		9/3	
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18079		9/4	
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18080		9/1	
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18081

B8333A1-1-3-1

PR 9095

9/7

18082

8003050/CA82Y24

PP

-2

9/4

18083

-3

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18084

-4

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18085

-5

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18086

B8333A1-3-2-1

PR 9099

9/11

18087

-2

8/29

18088

18089

✓ pf

-3

8/30

18090

-4

9/1

18091

-5

9/1

18092

B8333A1-15-5-1

9/2

PR 9/22

18093

-2

9/2

18094

-3

9/3

18095

-4

9/2

18096

-5

9/4

Sunbonnet

24720

18097

"

"

18098

Bluebonnet

24738

18099

"

"

18100

B8333A1-16-4-Bk

PR 9126

bk

9/3

18101

-Bk

9/2

18102

PP[✓]

-Bk

8/29

18103

-Bk

9/2

18104

18105

-Bk

9/3

18106

B8333A1-20-3 - Bk

9/2

PR 9131

bic

18107

9/2

18108

9/2

18109

9/1

18110

9/2

18111

B8333A1-22-1- Bk

9/1

PR 9139

bic

18112

9/1

9/1

18113

8/30

18114

8/29

18115

✓
PP

B8333A1-24-3-BK

PR 9146

9/2

18116

9/2

18117

✓
PP

9/2

18118

9/2

18119

9/2

18120

18121	B8333A1-32-2-Bk ✓ PP	9/1	PR 9156
18122		9/1	
18123		9/1	
18124		8/30	
18125		8/31	
18126	RU8003050	1/8	18952
18127	B8333A1-32-5-Bk	9/1	PR 9159
18128		8/30	

8/30

18129

PP ✓

8/31

18130

8/28

18131

B8333A1-34-5-BK

PR 9/164

8/31

18132

8/30

18133

9/2

18134

PP ✓

9/2

18135

9/2

18136

B8333A1-36-3-BK

18137

9/3

PR 9167

✓
PP

18138

9/3

18139

9/3

18140

9/3

18141

9/2

18142

B8333A1-38-2-BK

9/5

PR 9171

18143

9/5

18144

9/6

9/5

18145

✓
PP

9/3

18146

B8333A1-39-1-13K

PR 9176

8/30

18147

8/30

18148

8/30

18149

✓
PP

8/30

18150

8/30

18151

LEAH

35

18152

B8333A1-40-5-1

18153

9/2

PR 9185

18154

-2

9/3

18155

-3

9/2

18156

-4

9/2

✓ PP
18157

-5

No plants

18158

B8333A1-41-1-1

8/31

PR 9186

18159

-2

8/29

18160

-3

8/29

-4

8/28

18161

✓
pp

-5

8/29

18162

B8333A1-42-2-Bk

PR 9192

bk

9/1

18163

9/1

18164

8/30

18165

✓
pp

9/1

18166

9/2

18167

B8333A1-43-3-1

PR 9198

9/1

18168

18169

-2

9/1

18170

-3

8/30

✓ PP

18171

-4

8/30

18172

-5

9/1

18173

B8333A1-48-4-BK

9/5

PR9204

BK

18174

9/7

✓ PP

18175

9/5

18176

9/5

9/5

18177

HR

GFMT

9/9

18178

B8333A1-54-2-BK

PR 9207

BK

9/4

18179

9/4

18180

PP ✓

9/4

18181

9/3

18182

9/5

18183

B8333A1-69-2-BK

PR 9228

BK

9/1

18184

18185

-Bk

9/1

18186

-Bk

9/1

18187

-Bk

9/1

18188

-Bk

9/1

18189

B8333A1-69-4-1

9/5

PR9230

18190

-2

9/6

18191

-3

9/4

18192

-4

9/6

-5

9/3

18193

B8333A1-71-3-BK

PR 9234

BK

9/4

18194

9/6

18195

9/7

18196

PP ✓

9/8

18197

9/4

18198

BLPT

6773

9/6

18199

Rth 10/21

RUT802098

5426

18200

BK

B8333A1-78-5-1

18201

9/5

PR 9251

✓ P/p

18202

-2

9/5

18203

-3

9/5

18204

-4

9/3

18205

-5

9/3

18206

B8333A1-86-1-1

9/5

PR 9253

18207

-2

9/3

✓ P/p

BK 10/21

18208

-3

9/2

-4

9/5

18209

-5

9/9

18210

B8333A1-86-4-1

PR 9256

9/2

18211

-2

9/4

18212

✓
1/10

-3

9/2

18213

-4

9/2

18214

-5

9/2

18215

B8333A1-91-2-1

PR 9259

9/2

18216

18217

-2

9/2

18218

-3

9/2

✓ P/P

BK 10/29

18219

-4

9/2

18220

-5

9/2

18221

B8333A1-99-1-1

9/2

PR9263

18222

-2

9/2

18223

-3

9/3

18224

-4

9/3

✓ P/P

BK 10/29

-5

9/5

18225

STBN

T6

18226

BK 10/21

B8333A1-100-1-1

PR9268

9/4

18227

-2

9/1

18228

P/P ✓

-3

9/1

18229

-4

9/1

18230

-5

9/2

18231

B8333A1-104-2-1

PR9274

9/4

18232

18233

-2

9/5

18234

-3

9/8

18235

-4

9/3

✓
P/P

18236

-5

9/6

18237

B8333A1-107-3-1

9/2

PR9286

18238

-2

9/3

18239

-3

9/3

18240

-4

9/4

-5

9/3

18241

P/P ✓

B/H 10/29

B8333A1-107-5-1

PR 9288

9/4

18242

-2

9/8

18243

-3

9/11

18244

-4

9/7

18245

P/P ✓

B/H 10/29

-5

9/5

18246

B8333A1-109-3-1

PR 9291

9/3

18247

-2

9/5

18248

P/P ✓

18249		-3 9/6	
18250		-4 9/1	
18251		-5 9/3	
18252	SKBT	9/11	HR
18253	B8333A1-110-2-1	9/4	PR9295
18254		-2 9/5	
✓ 8/8 BX 10/69			
18255		-3 9/4	
18256		-4 9/2	

-5

9/3

18257

B8333A1-110-5-1

PR9298

9/2

18258

-2

9/2

18259

-3

9/3

18260

1/p

-4

9/2

18261

-5

9/3

18262

B8333A1-118-4-1

PR9312

9/3

18263

-2

9/2

18264

18265

-3

9/3

✓ P/p

BH 10/29

18266

-4

9/2

18267

-5

9/8

18268

B8333A1-131-5-1

9/5

PR 9329

18269

-2

9/7

✓ P/p

18270

-3

9/5

18271

-4

9/4

18272

-5

9/5

RU8003050

18952

9/10

18273

B8333A1-133-1-1

PR9330

9/5

18274

-2

9/6

18275

-3

9/3

18276

-4

9/4

18277

1/2

-5

9/8

18278

B8333A1-134-1-Bk

PR9335

9/2

18279

bk

9/2

18280

18281

9/2

18282

9/2

✓ P/P
BK 10/29

18283

9/2

18284

B8333A1-135-5-1

9/4

PR9344

18285

-2

9/3

18286

-3

9/1

18287

-4

9/3

✓ P/P

18288

-5

9/2

PR9345

bk

8/29

18289

8/29

18290

P/p ✓
BK 10/29

8/30

18291

8/30

18292

8/29

18293

B8333A1-141-1-1

PR9350

8/29

18294

-2

9/1

18295

-3

9/2

18296

P/p ✓
BK 10/29

18297	-4 8/30		
18298	-5 9/1		
18299	TORO		24748
18300	IR-42		
18301	B8333A1-148-5-1 9/5		PR9359
18302	-2 9/7		
18303	-3 9/4		
18304	-4 9/9		

-5

9/7

18305

P/P

B8333A1-BK-365-1

PR10790

9/2

18306

-2

9/1

18307

P/P

✓

BK 10/29

-3

9/2

18308

-4

9/3

18309

-5

9/2

18310

B8333A1-BK-370-1

PR10792

9/7

18311

-2

9/11

18312

18313

-3

9/5

✓ P/P

BK 10/29

18314

-4

-

18315

-5

9/11

18316

B8333 A1-BK-384-1

9/3

PR10806

18317

-2

9/2

18318

-3

9/6

18319

-4

9/3

✓ P/P

18320

-5

9/6

B8333A1-Bk-393-1

PR10815

9/2

18321

P/P ✓
BK 10/29

-2

9/1

18322

-3

9/1

18323

-4

9/1

18324

BK 10/29

-5

9/2

18325

BLPT

6773

9/5

18326

BK 10/1

B8333A1-Bk-395-1

PR10817

9/4

18327

-2

9/2

18328

P/P ✓
BK 10/29

18329

-3
9/4

18330

-4
9/2

18331

-5
9/1

18332

B8333A1-Bx-397-1

9/2

PR10819

18333

-2
9/3

✓ P/P

18334

-3
9/5

18335

-4
9/4

18336

-5
9/4

B8333A1-Bx-398-1					
PR10820			9/2	18337	
		-2			
			9/1	18338	
		-3			
			9/3	18339	
					P/P ✓ BK 10/29
		-4			
			9/3	18340	
		-5			
			9/2	18341	
B8333A1-Bx-404-1					
PR10826			8/30	18342	
		-2			
			9/3	18343	
					P/P ✓ BK 10/29
		-3			
			9/4	18344	

18345

-4
9/1

BK 10/29

18346

-5
9/2

18347

B8333A1-BK-407-1

9/5

PR10829

18348

-2
9/2

✓ P/P

18349

-3
9/7

18350

-4
9/5

18351

-5
9/5

18352

DAWN

9/14

3378

BK 10/29

B8333A1-Bk-411-1

PR10833

9/5

18353

-2

9/2

18354

P/P

-3

9/3

18355

-4

9/2

18356

-5

9/2

18357

B8333A1-Bk-415-1

PR10837

9/2

18358

P/P

✓

-2

9/3

18359

-3

9/5

18360

18361

-4
8/29

18362

-5
9/5

18363

B8333A1-Bk-417-1

9/2

PR10839

18364

-2
9/1

18365

-3
9/1

✓ P/P
BK 10/29

18366

-4
9/5

18367

-5
9/5

18368

B8333A1-Bk-423-1

9/2

PR10845

✓ P/P
BK 10/29

-2

9/3

18369

-3

9/2

18370

-4

9/1

18371

-5

9/1

18372

119

L-202

9/5

18373

BK 10/29

B8333A1-BK-426-1

PR 10848

8/29

18374

-2

8/30

18375

-3

8/31

18376

18377

-4

8/31

18378

-5

8/31

✓ 1/p

18379

B8333A1-BK-427-1

8/31

PR10849

18380

-2

8/31

18381

-3

9/2

18382

-4

9/1

✓ 1/p

BK10429

18383

-5

9/1

18384

B8333A1-BK-429-1

9/3

PR10852

-2

8/30

18385

-3

8/31

18386

P/P ✓
BK 10/29

-4

9/1

18387

-5

8/27

18388

B8333A1-BK-432-1

PR10855

8/29

18389

-2

8/29

18390

-3

8/30

18391

P/P ✓
BK 10/29

-4

8/30

18392

18393

-5

8/30

18394

B8333A1-Bk-433-1

9/1

PR10856

18395

-2

9/1

18396

-3

9/1

18397

-4

9/2

18398

-5

9/5

18399

RV8403113

9/2

3

18400

10/25
" 8/1

9/2

3

B8333A1-Bk-434-1

PR10857

9/8

18401

-2

9/5

18402

-3

9/9

18403

p/p ✓

-4

9/3

18404

-5

9/2

18405

Bk 10/29

B8333A1-Bk-436-1

PR10859

9/1

18406

-2

9/1

18407

p/p ✓

-3

8/31

18408

18409

-4

9/1

18410

-5

8/31

18411

B8333A1-Bk-439-1

8/30

PR10862

18412

-2

9/2

18413

-3

9/1

18414

-4

9/1

✓ P/P

18415

-5

9/1

18416

B8333A1-Bk-442-1

8/31

PR10865

-2

8/30

18417

-3

9/1

18418

1/p ✓

BK 10/29

-4

9/1

18419

-5

9/1

18420

B8333A1-BK-444-1

PR10867

9/3

18421

-2

9/2

18422

-3

9/2

18423

-4

9/4

18424

18425

-5

9/4

✓ P/P

BK 10/29

18426

LMNT

9/7

HR

18427

B8333 A1-BK-445-1

9/2

PR10868

18428

-2

9/3

✓ P/P

BK 10/29

18429

-3

9/2

18430

-4

9/3

18431

-5

8/29

18432

B8333 A1-BK-447-1

9/4

PR10870

✓ P/P

BK 10/29

-2

9/3

18433

-3

9/4

18434

-4

9/2

18435

-5

9/4

18436

B8333A1-Bx-449-1

PR 10872

9/1

18437

-2

9/2

18438

-3

9/2

18439

P/P ✓

-4

9/4

18440

18441

-5

9/1

18442

B8333A1-Bk-451-1

9/4

PR10874

18443

-2

9/6

18444

-3

9/5

✓
p/p
18445

-4

9/5

18446

-5

9/7

18447

B8333A1-Bk-454-1

9/6

PR10877

18448

-2

9/7

-3

9/3

18449

P/P ✓

OK 10/29

-4

9/5

18450

-5

9/6

18451

26

RU8403144

9/11

18452

B8333A1-BK-457-1

PR 10880

9/3

18453

-2

9/3

18454

-3

9/5

18455

-4

9/3

18456

P/P ✓

OK 10/29

18457

-5

9/2

18458

B8333A1-Bk-458-1

9/4

PR10881

18459

-2

9/2

✓ p/p

18460

-3

9/2

18461

-4

9/2

18462

-5

9/3

18463

B8333A1-Bk-459-1

9/2

PR 10882

18464

-2

9/1

-3

8/30

18465

-4

8/31

18466

-5

8/30

18467

P/P ✓

B8333A1-Bk-462-1

PR10885

9/2

18468

-2

9/2

18469

-3

9/2

18470

P/P ✓

-4

9/1

18471

-5

9/1

18472

18473	LBLE	9/5	16
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18474	B8333A1-BK-463-1	9/1	PR10886
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18475		-2 9/1	
-------	--	-----------	--

18476		-3 9/1	
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18477		-4 9/1	
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18478		-5 9/1	
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✓ P/p
BK10/29

18479	B8333A1-BK-470-1	9/8	PR10893
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18480		-2 9/7	
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✓ P/p

-3

9/16

18481

-4

9/19

18482

-5

9/14

18483

B8333A1-BK-472-1

PR10895

9/18

18484

-2

9/12

18485

-3

9/15

18486

P/A ✓
BK 10/29

-4

-

18487

-5

9/19

18488

B8333A1-BK-489-1

9/2

PR 10912

18489

-2

9/2

18490

✓
p/p

-3

9/2

18491

-4

9/2

18492

-9

9/2

18493

B8333A1-BK-490-1

9/3

PR 10913

18494

-2

9/2

18495

-3

9/2

18496

✓
p/p

-4

9/1

18497

-5

9/4

18498

B8333A1-Bk-493-1

PR10916

9/5

18499

-2

9/5

18500

Block Seeding Dates

17001-17600 6/24

17601-18200 6/24

18201-18800 6/24

B849A = 8303116/LMNT

B8411A = LBLE-X2-2/LMNT

B8459A

B8460A

17725

18200

18299

B8461A

18300

B8462A

B8463A3 =

B8464A =

B8465A

B8466A =

B8468A

B8414A = RXMT/DLLA

B8422A

B8333A = 8003050/CAS2424

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

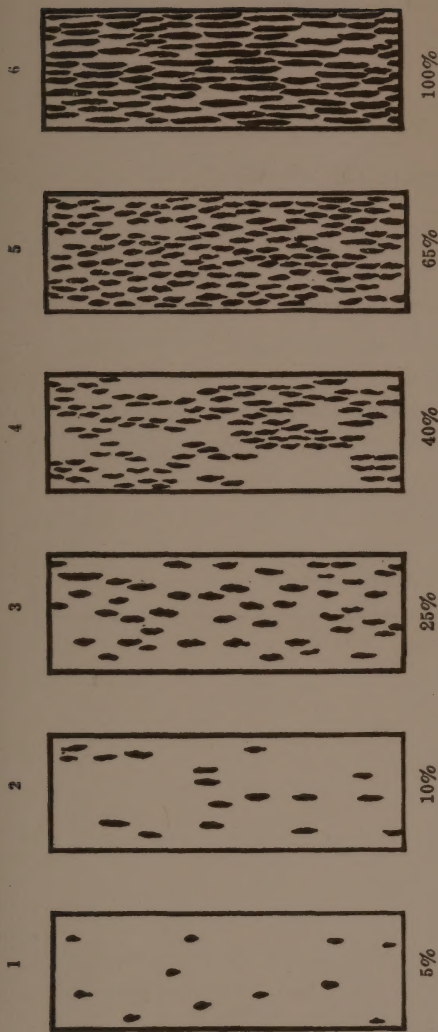


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

18501	B8333A1-Bk-493-3	9/4	PR10916
-------	------------------	-----	---------

18502		9/5	4
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✓ P/p

18503		9/6	-5
-------	--	-----	----

18504	B8333A1-Bk-494-1	9/5	PR10917
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18505		9/4	-2
-------	--	-----	----

18506		9/6	-3
-------	--	-----	----

18507		9/2	-4
-------	--	-----	----

18508		9/2	-5
-------	--	-----	----

✓ P/p

B8333A1-Bk-507-1

PR10931

9/4

18509

-2

9/3

18510

P/p

✓

B11/10/29

-3

9/2

18511

-4

9/2

18512

-5

9/2

18513

B8333A1-Bk-518-1

PR10942

9/2

18514

-2

9/2

18515

-3

9/3

18516

18517

-4
9/4

18518

-5
9/5

✓ P/P

BK 10/29

18519

B8333A1-Bx-523-1

9/5

PR10947

18520

-2
9/3

✓

P/P

18521

-3
9/1

18522

-4
9/5

18523

-5
9/2

18524

NWBT

9/12

54

PI 408449

10948

9/18

18525

BX 10/21

I/14-16

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18698	RU7903157	9/9	10/15	7775
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18699	RU8203035	9/4	10/15	129
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Hunan Early Dwf #8/8402022

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Humm Early Dwf #9 / 8402022

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Hunan Early Dwarf No. 9

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C634A-BK-2-5/GFMT
(84/669)

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Start Bit 1/30

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CG34A-BK-Z-5 / LEAH
(84/669)

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PP 10/28

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LEAH

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PP 10/28

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C642A-23-2-5/LMNT
(84/127)

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C634A-BK-37-BK/LMNT
(84/1282)

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Block Seeding Dates

18801 - 19400	6/24
19401 - 20000	6/24
20001 - 20600	6/25

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

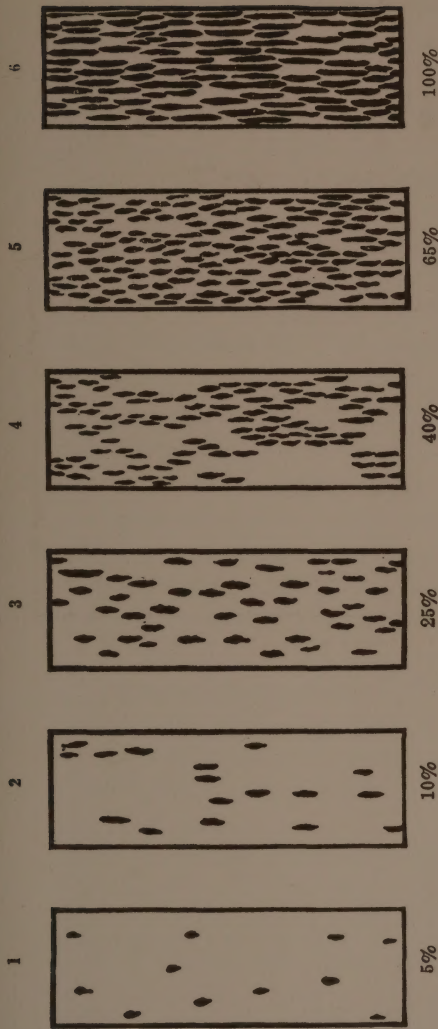


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

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CICA-6/RXMT

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Quin Qun Wang

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20964 B8470A1

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B8423A1 / LMUT

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Hunan Early Dwarf # 8

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21000 Nam Sa Qui

B8470A1

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21001

LMNT/B8423A1

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21002

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21003

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B8424A1 / LMNT

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Hunan Early Dwf #9

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B845A4

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B8276A /ELBL

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ELBL

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B848A9

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B8269A1 / ELBL

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PI 408449

10948

21183

Remark

24714

9/15

21184

21185	Palmyra	9/6	24730
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21186	Blue Rose	9/5	24449
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21187	CI 9545	9/8	24445
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21188	Acadia	9/10	24706
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21189	Nova T6	9/12	20523
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21190	Northrose	9/6	24641
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21191	Nova	9/11	24728
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21192	Calrose T6	8/30	18589
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24742	Carolina Gold	9/6	21193
24636	Gulfrose	9/7	21194
24726	Mo. R-500	9/3	21195
24451	Brittle Saturn	9/10	21196
24586	PI 215936	9/11	21197
24736	Early Prolific	9/7	21198
24712	Magnolia	9/8	21199
24708	Arkrose	9/12	21200

21201	BS131A4-Bk.27-1-1-1-1	9/4	18911
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21202	-2	9/3	
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21203	-3	9/3	
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21204	BS131A4-Bk.27-3-3-3-1	9/8	18918
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21205	-2	9/10	
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21206	-3	9/8	
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21207	BS131A4-Bk.35-1-1-3-1	9/6	18929
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21208	-2	9/5	
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21209

B8131A4-Bk-35-4-2-1-1

18932

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21211

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21212

B8131A4-Bk-40-4-3-5-1

18946

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21213

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21214

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21215

B8131A4-Bk-59-3-3-2-1

18954

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21216

21217

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21218

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21219

B8131A4-Bk-65-2-2-2-1

9/4

18959

21220

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-2

21221

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21222

B8131A4-Bk-66-1-3-4-1

9/4

18966

21223

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21224

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HR

GFMT

9/8

21225

18969

B8131A4-Bk-66-5-1-2-1

9/6

21226

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21227

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21228

18978

B8131A4-Bk-68-3-1-5-1

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21229

-2

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21230

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21231

18982

B8131A4-Bk-74-5-3-4-1

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21232

21233

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21234

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-3

21235

B8131A4-BK-75-2-2-2-1

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18985

21236

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-2

21237

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-3

21238

B8131A4-BK-80-5-1-3-1

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18991

21239

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-2

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-3

18996

B8131A4-BK-99-1-3-3-1

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21241

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21242

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21243

19002

B8131A4-BK-101-5-2-4-1

9/15

21244

-2

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21245

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21246

19007

B8131A4-BK-103-2-1-4-1

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21247

-2

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21248

21249		9/5	-3
21250	LEAH	9/15	35
21251	B8131A4-Bk-III-3-2-4-1	9/4	19012
21252		9/5	-2
21253		9/5	-3
21254	B8131A4-Bk-III-5-2-3-1	9/7	19016
21255		9/7	-2
21256		9/4	-3

19019

B8131A4-Bk-115-5-2-1-1

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21257

-2

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21258

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21259

19028

B8131A4-Bk-118-3-1-4-1

9/5

21260

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21261

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19031

B8131A4-Bk-141-1-1-2-1

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21263

-2

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21264

21265	-3 9/8	
21266	B8131A4-Bk-125-5-3-4-1 9/7	19043
21267	-2 9/12	
21268	-3 9/12	
21269	B8131A4-Bk-136-2-1-3-1 9/4	19047
21270	-2 9/4	
21271	-3 9/4	
21272	B8131A4-Bk-136-5-2-1-1 9/8	19051

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21273

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21274

CI 9881

24556

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21275

B8131A4-BK-141-3-1-2-1

19057

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21276

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21277

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21278

B8131A4-BK-150-3-1-2-1

19067

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21279

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21280

21281

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21282

B8131A4-Bk-153-2-3-3-1

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19073

21283

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21284

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-3

21285

B8131A4-Bk-160-1-2-2-1

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19078

21286

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-2

21287

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21288

B8131A4-Bk-187-1-1-2-1

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19083

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21289

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21290

B8131A4-BK-187-1-2-3-1

19089

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21291

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21292

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21293

B8131A4-BK-187-3-1-5-1

19096

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21294

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21295

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21297	B8131A4-Bk-194-2-3-4-1	9/6	19110
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21298		9/7	-2
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21299		9/6	-3
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21300	DAWN	9/17	3378
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21301	B8131A4-Bk ₂ -9-1-1-1	9/9	19117
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21302		9/8	-2
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21303		9/5	-3
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21304	B8131A4-Bk ₂ -23-2-2-1	8/30	19129
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21305

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21306

B8131A4-B_{K2}-32-2-3-1

19150

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21307

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21308

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21309

B8131A4-B_{K2}-37-2-3-1

19156

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21310

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21311

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21313	B8131A4-Bk ₂ -40-2-4-1	9/7	19162
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21314	-2	9/7	
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21315	-3	9/8	
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21316	B8131A4-Bk ₂ -49-2-5-1	9/5	19189
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21317	-2	9/4	
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21318	-3	9/4	
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21319	B8131A4-Bk ₂ -53-2-3-1	9/9	19192
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21320	-2	9/12	
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21321

BS131A4-BK₂-59-2-5-1

19199

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21322

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21323

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21324

SKBT

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21325

BS131A4-BK₂-63-3-5-1

19209

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21326

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21327

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21329	B8131A4-B _{k2} -78-2-1-1	9/4	19224
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21330	-2	9/4	
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21331	-3	9/4	
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21332	B8131A4-B _{k2} -89-1-1-1	9/13	19229
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21333	-2	9/13	
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21334	-3	9/13	
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21335	B8131A4-B _{k2} -95-2-1-1	9/5	19234
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21336	-2	9/3	
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21337

B8131A4-BK₂-99-1-1-1

19239

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21340

B8131A4-BK₂-101-3-BK-1

19245

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21341

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21342

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21343

B8131A4-BK₂-104-3-1-1

19247

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21344

21345

9/3 -2

21346

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21347

B8131A4-Bk₂-108-3-Bk-1
9/4

19253

21348

9/5 -2

21349

9/4 -3

21350

LMNT

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HR

21351

B8131A4-Bk₂-109-1-4-1
9/7

19259

21352

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21353

B8131A4-BK₂-110-1-4-1

19264

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21354

-2

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21355

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21356

B8131A4-BK₂-122-2-1-1

19271

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21357

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21358

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21359

B8131A4-BK₂-132-2-5-1

19286

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21360

21361

9/11

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21362

9/10

-3

21363

B8131A4-BK₂-137-3-BK-1

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19289

21364

9/7

-2

21365

9/8

-3

21366

B8131A4-BK₂-149-1-3-1

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19307

21367

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-2

21368

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-3

19311	B8131A4-Bk ₂ -157-1-2-1	9/5	21369
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		-2 9/4	21370
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		-3 9/4	21371
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19322	B8131A4-Bk ₂ -163-3-2-1	9/9	21372
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		-2 9/10	21373
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		-3 9/11	21374
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36	LBNT	9/15	21375
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19327	B8131A4-Bk ₂ -164-2-1-1	9/3	21376
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21377

9/2 -2

21378

8/31 -3

21379

B8131A4 - Bk₂ - 167 - 3 - 2 - 1

9/9

19333

21380

9/9 -2

21381

9/9 -3

21382

B8131A4 - Bk₂ - 167 - 3 - 3 - 1

9/4

19334

21383

9/4 -2

21384

9/4 -3

B8131A4-Bk₂-177-3-2-1

19343

9/4

21385

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21386

-3

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21387

B8131A4-Bk₂-184-3-3-1

19355

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21388

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21389

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21390

B8131A4-Bk₂-186-2-2-1

19359

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21391

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21392

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21393

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B8131A4-BK, -194-3-BK-1

21394

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19363

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21395

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21396

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38131A4-BK, -205-2-5-1

21397

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19375

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21398

911

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21399

RU8003050

21400

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18952

19377

B8131A4-Bk₂-206-2-1-1

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21401

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21402

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21403

19402

B8131A4-Bk₂-253-2-Bk-1

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21404

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21405

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21406

19404

B8131A4-Bk₂-263-1-2-1

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21407

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21408

21409

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-3

21410

B8131A4-Bk₂-276-2-4-1

8/31

19411

21411

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21412

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21413

B8131A4-Bk₂-306-2-2-1

9/2

19435

21414

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-2

21415

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-3

21416

B8131A4-Bk₂-311-1-4-1

8/31

19453

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9/2

21417

-3

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21418

B8131A4-Bk₂-320-1-4-1

19463

9/2

21419

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21420

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21421

B8131A4-Bk₂-322-1-2-1

19466

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21422

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21423

-3

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21424

21425	PI 331581	9/11	21375
21426	B8131A4-Bk ₂ -329-3-4-1	9/12	19482
21427		9/12	-2
21428		9/12	-3
21429	B8131A4-Bk ₂ -358-2-4-1	9/15	19500
21430		9/15	-2
21431		9/14	-3
21432	B8131A4-Bk ₂ -364-2-3-1	9/14	19503

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21433

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21434

19507

B8131A4-Bk₂-365-1-Bk-1

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21435

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21436

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21437

19510

B8131A4-Bk₂-373-1-Bk-1

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21438

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21439

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21440

21441

B8131A4-Bk₂-373-3-3-1

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19514

21442

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21443

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21444

B8131A4-Bk₂-376-2-2-1

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19518

21445

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21446

-3

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21447

B8131A4-Bk₂-379-2-Bk-1

9/1

19523

21448

-2

8/31

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21449

3378

Dawn

9/14

21450

19526

BS131A4-BK₂-382-3-1-1

9/6

21451

-2

9/6

21452

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21453

19532

BS131A4-BK₂-384-1-2-1

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21454

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21455

-3

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21456

21457	B8131A4-Bk ₂ -384-1-5-1	9/3	19535
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21458		9/3	-2
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21459		9/3	-3
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21460	B8131A4-Bk ₂ -386-1-5-1	9/8	19540
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21461		9/8	-2
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21462		9/7	-3
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21463	B8130A5-Bk-5-1-2-1-1	9/4	19541
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21464		9/4	-2
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21465

B8130A5-BK-5-4-3-4-1

19549

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21466

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21467

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21468

B8130A5-BK-15-5-2-3-1

19559

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21469

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9/4

21471

B8130A5-BK-34-1-2-3-1

19574

9/6

21472

21473

9/8

-2

21474

9/8

-3

21475

RXMT

9/10

HR

21476

B8130A5-BK-38-1-3-BK-1

9/7

19578

21477

9/3

-2

21478

9/3

-3

21479

B8130A5-BK-49-3-1-2-1

9/7

19587

21480

9/7

-2

-3

9/8

21481

B8130A5-Bk-65-5-2-1-1

19596

9/11

21482

-2

9/10

21483

-3

9/10

21484

B8130A5-Bk-85-3-3-2-1

19615

9/9

21485

-2

9/9

21486

-3

9/8

21487

B8130A5-Bk-85-4-2-2-1

19620

9/9

21488

21489

9/9 -2

21490

9/9 -3

21491

B8130A5-Bk-91-2-1-3-1

9/5

19632

21492

9/5 -2

21493

9/5 -3

21494

B8130A5-Bk-91-5-2-2-1

9/5

19636

21495

9/7 -2

21496

9/5 -3

B8130A5-BK-102-5-2-2-1

19649

9/2

21497

-2

9/2

21498

-3

9/2

21499

RU7802098

5426

21500

Block Seeding Dates

20001 - 20600 6/25

20601 - 21200 6/25

21201 - 21800 6/25

I1192

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

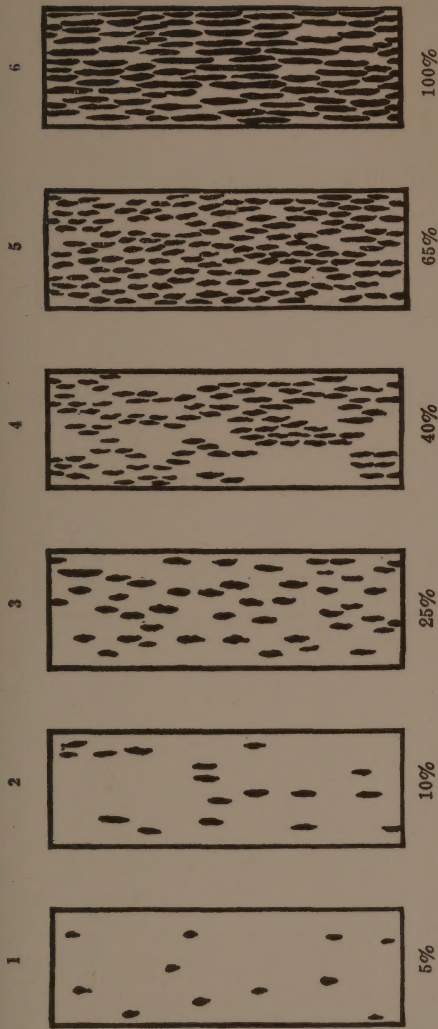


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

21501	B8130A5-Bk-121-3-1-3-1	9/5	19671
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21502		9/5	-2
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21503		9/5	-3
-------	--	-----	----

21504	B8130A5-Bk-143-2-1-5-1	9/6	19687
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21505		9/6	-2
-------	--	-----	----

21506		9/7	-3
-------	--	-----	----

21507	B8130A5-Bk-145-5-1-Bk-1	9/6	19689
-------	-------------------------	-----	-------

21508		9/5	-2
-------	--	-----	----

-3

9/5

21509

B8130A5-BK-161-5-1-1-1

19701

8/30

21510

-2

8/31

21511

-3

8/30

21512

B8130A5-BK-179-1-2-4-1

19720

9/2

21513

-2

9/2

21514

-3

9/2

21515

B8130A5-BK-182-2-2-1-1

19723

9/3

21516

21517	9/2	-2	
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21518	9/2	-3	
-------	-----	----	--

21519	B8130A5-Bk-192-1-1-1-1 9/10		19733
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21520	9/9	-2	
-------	-----	----	--

21521	9/9	-3	
-------	-----	----	--

21522	B8130A5-Bk-193-5-1-3-1 9/9		19740
-------	-------------------------------	--	-------

21523	9/8	-2	
-------	-----	----	--

21524	9/16	-3	
-------	------	----	--

13973	RU8303116	9/3	21525
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BRK 10/15

19745	B8130A5-Bk ₁ -195-5-2-3-1	9/1	21526
-------	--------------------------------------	-----	-------

		-2 8/31	21527
--	--	------------	-------

		-3 8/31	21528
--	--	------------	-------

19756	B8130A5-Bk ₂ -9-3-3-1	9/6	21529
-------	----------------------------------	-----	-------

		-2 9/7	21530
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		-3 9/6	21531
--	--	-----------	-------

19759	B8130A5-Bk ₂ -11-1-1-1	9/5	21532
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21533

9/4

-2

21534

9/6

-3

21535

B8130A5-Bk₂-20-1-3-1

9/5

19771

21536

9/5

-2

21537

9/5

-3

21538

B8130A5-Bk₂-21-2-Bk-1

9/7

19776

21539

9/4

-2

21540

9/6

-3

19779

B8130A5-Bk₂-25-1-Bk-1

9/3

21541

-2

9/3

21542

-3

9/3

21543

19793

B8130A5-Bk₂-45-3-3-1

9/9

21544

-2

9/6

21545

-3

9/5

21546

19801

B8130A5-Bk₂-71-3-1-1

9/3

21547

-2

9/3

21548

21549

9/3

-3

21550

BOND

9/5

54

BK 10/15

21551

B8130A5-Bk₂-73-3-3-1

9/9

19808

21552

9/9

-2

21553

9/9

-3

21554

B8130A5-Bk₂-78-3-1-1

9/9

19811

21555

9/11

-2

21556

9/10

-3

19818

B8130A5-Bk₂-79-2-3-1

9/9

21557

-2

9/8

21558

-3

9/9

21559

19825

B8130A5-Bk₂-84-3-1-1

9/7

21560

-2

9/7

21561

-3

9/5

21562

19830

B8130A5-Bk₂-88-3-1-1

9/5

21563

-2

9/5

21564

21565

9/5

-3

21566

B8130A5-Bk₂-118-1-Bk-1

9/5

19853

21567

9/5

-2

21568

9/8

-3

21569

B8130A5-Bk₂-119-3-Bk-1

19856

21570

9/11

-2

21571

9/11

-3

21572

B8130A5-Bk₂-168-3-5-1

9/6

19879

-2

9/6

21573

-3

9/6

21574

TBNT

13

9/6

21575

BX 9/5

B8130A5-Bk₂-173-1-1-1

19880

9/10

21576

-2

9/10

21577

-3

9/7

21578

B8130A5-Bk₂-186-2-4-1

19888

9/7

21579

-2

9/6

21580

21581

-3
9/4

21582

B8130A5-Bk₂-197-2-3-1

9/8

19900

21583

-2
9/8

21584

-3
9/7

21585

B8130A5-Bk₂-219-1-3-1

9/7

19905

21586

-2
9/7

21587

-3
9/7

21588

B8130A5-Bk₂-220-

9/1

19908

9/1

21589

9/1

21590

19919

B8130A5-Bk₂-225-1-4-1

9/7

21591

-2

9/7

21592

-3

9/6

21593

19926

B8130A5-Bk₂-238-3-2-1

9/6

21594

-2

9/5

21595

-3

9/7

21596

21597	B8130A5-Bk ₂ -244-1-Bk-1	9/8	19929
21598		9/9	-2
21599		9/9	-3
22600	STBN	9/12	T6
	all 10/15		
21601	B8130A5-Bk ₂ -248-1-3-1	9/5	19938
21602		9/6	-2
21603		9/6	-3
21604	B8130A5-Bk ₂ -257-2-3-1	9/6	19943

-2

9/6

21605

-3

9/5

21606

BS130A5-Bk₂-259-2-1-1

19946

9/6

21607

-2

9/6

21608

-3

9/6

21609

BS130A5-Bk₂-265-1-5-1

19956

9/6

21610

-2

9/7

21611

-3

9/6

21612

21613	B8130A5-Bk ₂ -268-3-Bk-1	9/4	19958
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21614		9/4	-2
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21615		9/4	-3
-------	--	-----	----

21616	B8130A5-Bk ₂ -281-3-1-1	9/6	19960
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21617		9/6	-2
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21618		9/6	-3
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21619	B8130A5-Bk ₂ -295-1-2-1	9/5	19966
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21620		9/5	-2
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			-3	9/5	21621
19970	B8130A5-Bk ₂ -302-3-1-1			9/2	21622
			-2	9/2	21623
			-3	9/2	21624
4473	13-D				21625
				BR 11/17	
19976	B8130A5-Bk ₂ -304-2-1-1			9/2	21626
			-2	9/2	21627
			-3	9/2	21628

21629	B8130A5-Bk ₂ -314-3-Bk-1 9/5	19983
21630	-2 9/4	
21631	-3 9/5	
21632	B8130A5-Bk ₂ -327-1-Bk-1 9/7	19991
21633	-2 9/3	
21634	-3 9/6	
21635	B8130A5-Bk ₂ -337-1-4-1 9/8	19999
21636	-2 9/9	

-3

9/8

21637

B8130A5-Bk₂-339-2-4-1

8/31

21638

20004

-2

9/11

21639

-3

9/11

21640

B8130A5-Bk₂-344-1-4-1

9/7

21641

20009

-2

21642

-3

9/5

21643

B8130A5-Bk₂-349-3-2-1

9/9

21644

20012

21645

9/7

-2

21646

9/6

-3

21647

BS130A5-Bk₂-377-2-3-1

9/7

20032

21648

9/6

-2

21649

9/9

-3

21650

LBLE

9/6

16

21651

BS130A5-Bk₂-379-3-4-1

9/8

20038

21652

9/8

-2

-3

9/10

21653

B8130A5-Bk₂-384-1-2-1

9/8

21654

20041

-2

9/9

21655

-3

9/11

21656

B8130A5-Bk₂-386-3-Bk-1

9/5

21657

20046

-2

9/8

21658

-3

21659

B8130A5-Bk₂-395-2-Bk-1

9/8

21660

20049

21661	9/8	-2	
-------	-----	----	--

21662	9/9	-3	
-------	-----	----	--

21663	BS130A5-Bk ₂ -401-3-5-1 9/8		20056
-------	---	--	-------

21664	9/7	-2	
-------	-----	----	--

21665	9/8	-3	
-------	-----	----	--

21666	BS130A5-Bk ₂ -408-1-2-1 9/8		20058
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21667	9/7	-2	
-------	-----	----	--

21668	9/7	-3	
-------	-----	----	--

20066	B8130A5-Bk ₂ -413-2-5-1	9/8	21669
		-2 9/9	21670
		-3 9/9	21671
20067	B8130A5-Bk ₂ -418-3-Bk-1	9/5	21672
		-2 9/3	21673
		-3 9/4	21674
13200	CP-231	9/13	21675
		BK 10/15	
20071	B8130A5-Bk ₂ -421-3-2-1	9/6	21676

21677

9/6 -2

21678

9/6 -3

21679

B8130A5-Bx-426-1-5-1

9/9

20085

21680

9/9 -2

21681

8/6 -3

21682

B8130A5-Bx-204-1-2-1

9/5

20092

21683

9/4 -2

21684

9/3 -3

20104	B8130A5-Bk-224-3-4-1	9/6	21685
	-2	9/6	21686
	-3	9/6	21687
20106	B8130A5-Bk-230-2-1-1	9/4	21688
	-2	9/4	21689
	-3	9/8	21690
20118	B8130A5-Bk-239-1-3-1	9/4	21691
	-2	9/4	21692

21693

-3

9/4

21694

B8130A5-Bk-251-2-Bk-1

8/5

20122

21695

-2

8/5

21696

-3

9/9

21697

B8130A5-Bk-253-1-4-1

9/3

20128

21698

-2

9/4

21699

-3

9/2

21700

BB50²/JJLA

9/15

15591-600

BK 9/15

20131	B8130A5-Bk-254-1-Bk-1	9/3	21701
		-2 9/4	21702
		-3 9/2	21703
20135	B8130A5-Bk-256-3-3-1	9/2	21704
		-2 9/2	21705
		-3 9/2	21706
20150	B8130A5-Bk-291-1-3-1	9/8	21707
		-2 9/10	21708

21709

9/6 -3

21710

B8130A5-Bk-307-2-2-1

9/6

20155

21711

9/6 -2

21712

9/6 -3

21713

B8130A5-Bk-343-3-3-1

9/2

20175

21714

9/2 -2

21715

9/2 -3

21716

B8130A5-Bk-349-2-2-1

8/30

20179

-2

8/29

21717

-3

8/31

21718

B8130A5-BK-350-3-3-1

20185

9/1

21719

-2

9/5

21720

-3

9/6

21721

B8130A5-BK-368-3-1-1

20203

9/8

21722

-2

9/9

21723

-3

9/8

21724

21725	BLMT	9/7	56
21726	B8130A5-Bk-371-1-3-1	9/11	20210
21727		8/31	-2
21728		9/11	-3
21729	B8268A1-17-4-1	9/4	20775
21730	✓ P/P BK 11/4	-2 9/2	
21731		-3 9/3	
21732	B8268A1-31-5-1	9/10	20799

-2

9/12

21733

-3

9/12

21734

B8268A1-34-5-1

20804

9/11

21735

-2

9/11

21736

-3

8/30

21737

P/A ✓
BK 11/4

B8268A1-39-1-1

20810

8/30

21738

P/A ✓
BK 11/4

-2

8/29

21739

-3

8/30

21740

21741	B8268A1-40-5-1	9/4	20819
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21742	-2	9/5	
-------	----	-----	--

21743	-3	9/6	
-------	----	-----	--

21744	B8268A1-51-3-1	9/6	20822
-------	----------------	-----	-------

21745	-2	9/6	
-------	----	-----	--

✓
P/P
BK 11/4

21746	-3	9/6	
-------	----	-----	--

21747	B8268A1-53-1-1	9/6	20826
-------	----------------	-----	-------

21748	-2	9/6	
-------	----	-----	--

-3

9/6

21749

CB 801

3450

9/18

21750

B8268A1-54-1-1

20831

9/6

21751

P/P ✓

Longy P/P.

-2

9/5

21752

-3

9/6

21753

B8268A1-55-2-1

20837

9/6

21754

-2

9/4

21755

P/P ✓

B/K 11/4

-3

9/3

21756

21757	B8268A1-55-5-1	9/3	20840
-------	----------------	-----	-------

21758	-2	9/3	
-------	----	-----	--

21759	-3	9/3	
-------	----	-----	--

21760	B8268A1-57-4-1	9/6	20844
-------	----------------	-----	-------

21761	-2	9/6	
-------	----	-----	--

21762	-3	9/6	
-------	----	-----	--

21763	B8268A1-107-1-1	9/3	20852
-------	-----------------	-----	-------

21764	-2	9/4	
-------	----	-----	--

		-3	9/13	21765	P/P ✓ BK 11/4
20858	B8268A1-118-2-1		9/6	21766	
		-2	9/8	21767	P/P ✓
		-3	9/6	21768	
20862	B8268A1-121-1-1		9/10	21769	PR 10/4
		-2	9/12	21770	P/P ✓ BK 11/4
	44M faded info; VUF	-3	9/12	21771	PR 11/4
20866	B8268A1-121-5-1		9/9	21772	

21773	-2 9/9		
21774	-3 9/9		
21775	NWRX 9/11		158
21776	B8268A1-123-5-1 9/17		20876
21777	-2 9/13		
21778	-3 9/18		
21779	B8268A1-125-2-1 8/31		20879
21780	-2 8/31		

-3

8/30

21781

B8268A1-132-2-1

20884

9/4

21782

P/p ✓
BX 11/4

-2

9/4

21783

-3

9/5

21784

B8268A1-135-2-1

20889

9/1

21785

-2

9/1

21786

P/p ✓

-3

8/30

21787

B8268A1-135-5-1

20892

9/4

21788

21789

-2

9/4

21790

-3

9/7

21791

B8268A1-136-4-1

9/9

20896

21792

-2

9/4

✓
p/p
21793

-3

9/5

21794

B8268A1-139-1-1

8/31

20898

✓
p/p
BK 11/4
21795

-2

9/1

21796

-3

9/1

20904 B8268A1-147-2-1 9/1 21797

-2

9/1

21798

-3

9/6

21799

Tetep

8689

21800

BK 11/7

20909 B8268A1-151-2-1

9/3

21801

✓
A/P
BK 11/4

-2

9/3

21802

-3

9/2

21803

B8268A1-153-1-1

20913

9/5

21804

21805	-2	
✓ e/p	9/7	

21806	-3	
	9/7	

21807	B8268A1-153-2-1	
BK 11/4	9/3	20914

21808	-2	
	9/3	

21809	-3	
	9/3	

21810	B8268A1-153-4-1	
	9/7	20916

21811	-2	
✓ e/p	9/10	

21812	-3	
	9/8	

B8268A1-154-3-1

20920

9/7

21813

-2

9/6

21814

-3

9/1

21815

B8268A1-163-4-1

20927

9/6

21816

-2

9/6

21817

-3

9/5

21818

p/b

✓

B8268A1-168-1-1

20929

8/31

21819

-2

8/28

21820

21821

-3

8/29

21822

B8268A1-171-4-1

9/8

20942

21823

-2

9/14

✓ 8/1
21824

-3

9/10

21825

CI 9881

9/17

24556

BSK 9/16
21826

B8268A1-178-2-1

9/3

20951

21827

-2

9/1

21828

-3

9/1

B8268A1-182-2-1

20956

9/1

21829

p/p ✓

-2

9/3

21830

-3

9/2

21831

B8268A1-191-5-1

20964

9/11

21832

p/p ✓
BK 11/4

-2

9/9

21833

p/p ✓
BK 11/4

-3

9/11

21834

B8268A1-194-5-1

20969

9/7

21835

-2

9/7

21836

p/p ✓
BK 11/4

21837

-3

9/16

21838

B8268A1-198-2-1

9/10

20977

21839

-2

9/9

✓ P/P

21840

-3

9/9

21841

B8268A1-201-3-1

9/5

20983

21842

-2

9/6

21843

-3

9/6

✓ P/P

LITTLE TALL BUT VERY GOOD PAN-

BK 11/4

21844

B8268A1-208-1-1

9/5

20991

-2

9/5

21845

-3

9/4

21846

B8268A1-209-1-1

20996

9/4

21847

-2

9/4

21848

-3

9/5

21849

p/p ✓

NWRX

158

9/12

21850

BX 10/5

B8268A1-211-1-1

21001

9/8

21851

-2

9/8

21852

0/p ✓

21853 -3
9/7

21854 B8268A1-213-1-1
9/7 21006

21855 -2
9/7

21856 -3
9/8

✓ p/p

21857 B8268A1-213-5-1
9/12 21010

21858 -2
9/9

✓ p/p
BR 11/4

21859 -3
9/13

21860 B8268A1-215-4-1
9/17 21014

-2

9/8

21861

-3

9/6

21862

B8268A1-220-1-1

21021

9/3

21863

-2

9/5

21864

-3

8/31

21865

B8268A1-228-2-1

21028

9/6

21866

-2

9/3

21867

-3

9/10

21868

21869	B8268A1-232-2-1	9/7	21038
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✓ P/P

21870	-2	9/6	
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21871	-3	9/13	
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21872	B8268A1-239-2-1	9/11	21043
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21873	-2	9/11	
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21874	-3	9/10	
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21875	RXMT	9/14	HR
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OK 10/15

21876	B8268A1-240-4-1	9/8	21050
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9/3

21877

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9/8

21878

r/p ✓

B8268A1-242-1-1

21053

9/5

21879

-2

9/4

21880

-3

9/2

21881

B8268A1-244-1-1

21063

9/4

21882

-2

9/7

21883

-3

9/5

21884

B8268A1-245-1-1

21885

9/5

21068

21886

-2

9/5

21887

-3

9/6

21888

B8268A1-246-1-1

9/8

21074

21889

-2

9/9

21890

-3

9/14

21891

B8268A1-247-4-1

9/4

21082

21892

-2

9/4

-3

9/4

21893

B8268A1-251-5-1

21088

9/2

21894

-2

9/2

21895

-3

9/2

21896

PI 315650

24591

21897

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21898

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21899

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21900

	B8332A1-4-1		
21901		8/29	21434
	-2		
21902		8/29	
	-3		
21903		8/28	
✓ P/p BK 11/6			
	B8332A1-18-1		
21904		8/31	21448
	-2		
21905		8/28	
✓ P/p			
	-3		
21906		9/1	
	B8332A1-19-1		
21907		8/28	21449
	-2		
21908		8/28	
✓ P/p BK 11/6			

-3

8/28

21909

B8332A1-23-1

21454

8/29

21910

-2

8/31

21911

-3

9/1

21912

B8332A1-31-1

21462

8/31

21913

-2

8/30

21914

-3

8/28

21915

B8332A1-38-1

21469

8/28

21916

21917

-2

8/28

✓ P/P
BK 11/6

21918

-3

8/28

21919

B8332A1-45-1

8/28

21477

21920

-2

8/31

✓ P/P

21921

-3

8/27

21922

B8332A1-58-1

8/28

21490

21923

-2

9/1

✓ P/P

21924

-3

9/1

119

L-202

9/6

21925

8/1 10/5

21502

B8332A1-70-1

8/31

21926

-2

9/3

21927

-3

9/3

21928

21506

B8332A1-74-1

8/29

21929

-2

8/31

21930

-3

9/2

21931

P/P ✓

21507

B8332A1-75-1

8/29

21932

21933

-2
8/31

21934

-3
8/28

✓ P/P
BK 11/4

B8332A1-78-1

21935

8/28

21510

21936

-2
8/29

21937

-3
8/31

✓ P/P

21938

B8332A1-83-1

8/30

21515

21939

-2
8/31

✓ P/P
BK 11/6

21940

-3
8/31

B8332A1-85-1

21517

9/1

21941

-2

9/4

21942

-3

8/31

21943

✓
P/p
BK 11/6

B8332A1-87-1

21519

8/29

21944

-2

8/29

21945

-3

8/31

21946

✓
P/p
BK 11/6

B8332A1-91-1

21523

9/1

21947

-2

8/30

21948

21949

-3

9/4

21950

PI 331581

9/19

21375

21951

B8332A1-96-1

8/29

21529

21952

-2

8/30

p/p

21953

-3

8/31

21954

B8332A1-100-1

9/4

21533

21955

-2

9/2

21956

-3

9/2

B8332A1-103-1

21536

9/5

21957 ✓

p/p
BR 11/6

-2

9/6

21958

-3

9/9

21959

B8332A1-105-1

21538

9/3

21960 ✓

p/p

-2

9/2

21961

-3

9/6

21962

B8332A1-106-1

21539

7/2

21963

-2

9/4

21964

21965

-3
9/3

✓
P/P

21966

B8332A1-107-1

9/8

21540

✓
P/P
BK 11/6

21967

-2
9/5

21968

-3
9/3

21969

B8332A1-113-1

9/8

21546

21970

-2
9/2

✓
P/P

21971

-3
8/30

21972

B8332A1-115-1

8/31

21548

✓
P/P

-2

8/31

21973

-3

9/1

21974

SKBT

HR

9/8

21975

BR10/15

B8332A1-116-1

21549

9/6

21976

-2

9/6

21977

P/D ✓

-3

9/6

21978

B8332A1-118-1

21552

8/28

21979

-2

8/29

21980

21981

-3

8/29

✓
P/P
BK 11/6

B8332A1-121-1

21982

9/4

21555

21983

-2

9/1

✓
P/P
BK 11/6

21984

-3

8/28

21985

B8332A1-122-1

8/31

21556

21986

-2

8/30

21987

-3

9/1

✓
P/P

21988

B8332A1-124-1

9/5

21558

-2

9/2

21989

P/P

-3

9/3

21990

B8332A1-132-1

21566

8/28

21991

-2

8/28

21992

P/P

BK 11/6

-3

8/29

21993

B8332A1-139-1

21573

8/29

21994

-2

8/28

21995

P/P

BK 11/6

-3

8/30

21996

21997	B8332A1-148-1	8/28	21583
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21998	-2	8/28	
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✓
P/P

21999	-3	8/28	
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22000	NV66	9/8	24732
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Bk. 10/15

22001	B8332A1-153-1	8/29	21588
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✓
P/P
BK 11/6

22002	-2	8/28	
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22003	-3	8/28	
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22004	B8332A1-159-1	8/31	21594
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-2

8/30

22005

P/P ✓
BK 11/6

-3

8/30

22006

B8332A1-160-1

21595

8/29

22007

-2

8/29

22008

P/P ✓

-3

8/29

22009

B8332A1-163-1

21598

8/30

22010

P/P ✓
BK 11/6

-2

8/30

22011

-3

8/29

22012

22013	B8154A1-Bk-11-1	9/5	23211
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B786A3 * F, / 1603091

22014	-2	9/6	
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✓
p/p

22015	-3	9/4	
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22016	B8154A1-Bk-13-1	9/5	23213
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22017	-2	9/6	
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22018	-3	9/5	
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✓
p/p

22019	B8154A1-Bk-22-1	9/7	23222
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22020	-2	9/9	
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✓
p/p

-3

9/9

22021

B8154A1-BK-25-1

23226

9/7

22022

-2

9/8

22023

-3

9/10

22024

T603091

7999

9/11

22025

BK 14/5

B8154A1-BK-29-1

23230

9/7

22026

-2

9/5

22027

-3

9/6

22028

22029	B8154A1-Bk-30-1	9/10	23231
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22030	-2	9/7	
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✓
P/P
OK 11/6

22031	-3	9/11	
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22032	B8154A1-Bk-32-1	9/1	23233
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22033	-2	8/30	
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✓
P/P

22034	-3	8/31	
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22035	B8154A1-Bk-35-1	9/5	23236
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22036	-2	9/5	
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-3

9/7

22037

P/P[✓]

B8154A1-BK-38-1

23239

9/6

22038

-2

9/5

22039

-3

9/6

22040

P/P[✓]

B8154A1-BK-43-1

23244

9/7

22041

-2

9/6

22042

P/P[✓]

-3

9/7

22043

B8154A1-BK-44-1

23245

9/9

22044

22045

-2
9/10

22046

-3
9/13

22047

BB154A1-Bk-51-1

9/11

23253

22048

-2
9/13

22049

-3
9/11

22050

LMNT

9/17

HR

BK 10/15

22051

BB154A1-Bk-55-1

9/10

23257

✓ P/P
BK 11/6

22052

-2
9/9

-3

9/9

22053

B8154A1-BK-58-1

23260

9/9

22054

-2

9/9

22055

-3

9/8

22056

p/p

BK 11/6

B8154A1-BK-59-1

23261

9/5

22057

-2

9/7

22058

-3

9/8

22059

B8154A1-BK-63-1

23265

9/6

22060

22061

-2

9/8

22062

-3

9/8

22063

B8154A1-Bk-74-1

9/7

23277

22064

-2

9/7

22065

-3

9/7

22066

B8154A1-Bk-77-1

9/7

23280

22067

-2

9/7

22068

-3

9/7

✓ 8/8

B8154A1-BK-78-1

23281

9/11

22069

P/P ✓

-2

9/12

22070

-3

9/11

22071

B8154A1-BK-79-1

23282

9/8

22072

P/P ✓

BK 11/6

-2

9/9

22073

-3

9/10

22074

LEAH

35

9/12

22075

BK 10/15

B8154A1-BK-92-1

23295

9/7

22076

22077

-2
9/7

9/8

22078

-3
9/7

B8154A1-BK-97-1

22079

9/9

23300

22080

-2
9/8

22081

-3
9/7

22082

B8154A1-BK-103-1

9/6

23306

22083

-2
9/6

22084

-3
9/8

B8154A1-Bk-116-1

23319

9/6

22085

-2

9/5

22086

-3

9/6

22087

B8154A1-Bk-118-1

23321

9/8

22088

-2

9/7

22089

-3

9/8

22090

B8154A1-Bk-121-1

23324

9/8

22091

-2

9/9

22092

22093

-3
9/11

22094

B8154A1-BK-124-1

9/8

23328

✓
p/p BK 11/16

22095

-2
9/9

22096

-3
9/8

22097

B8154A1-BK-127-1

9/9

23331

✓
p/p

22098

-2
9/7

22099

-3

22100

IR-24

22360

✓
Bk

B8154A1-BK-130-1

23334

22101

P/p
BK 11/6

-2

9/11

22102

-3

9/11

22103

B8154A1-BK-132-1

23336

9/11

22104

-2

9/17

22105

-3

9/16

22106

B8154A1-BK-133-1

23337

9/16

22107

-2

9/16

22108

22109

-3
9/5

22110

B8154A1-Bk-134-1

9/6

23338

22111

-2
9/6

✓
P/P

22112

-3
9/5

22113

B8154A1-Bk-139-1

9/7

23343

22114

-2
9/6

22115

-3
9/6

22116

B8154A1-Bk-159-1

9/6

23364

-2

9/6

22117

-3

9/7

22118

B8154A1-Bk-163-1

23368

9/7

22119

-2

9/7

22120

-3

9/6

22121

B8154A1-Bk-166-1

23371

9/11

22122

-2

9/8

22123

-3

9/8

22124

22125	GFMT	9/8	HR
BK 10/15			
22126	B8154A1-BK-167-1	9/7	23372
22127		-2 9/6	
#10			
22128		-3 9/6	
22129	B8154A1-BK-174-1	9/4	23379
22130		-2 9/8	
22131		-3 9/4	
22132	B8154A1-BK-176-1	9/12	23381

-2

9/11

22133

-3

9/8

22134

B8154A1-Bk-178-1

23383

9/10

22135

-2

9/3

22136

-3

9/9

22137

B8154A1-Bk-185-1

23390

9/11

22138

-2

9/8

22139

-3

9/8

22140

22141

B8154A1-Bk-189-1

9/5

23394

22142

-2

9/6

22143

-3

9/4

✓
p/p

22144

B8154A1-Bk-193-1

9/5

23398

✓
p/p

22145

-2

9/11

22146

-3

9/8

22147

B8154A1-Bk-194-1

9/11

23399

✓
p/p OK 11/6

22148

-2

9/8

-3

9/8

22149

8003050

18952

22150

OK 10/15

B8154A1-BK-203-1

23408

9/7

22151

-2

9/7

22152

PP

-3

9/8

22153

B8154A1-BK-204-1

23409

9/10

22154

-2

9/8

22155

-3

9/7

22156

22157	B8154A1-BK-212-1	9/9	23417
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22158	-2	9/9	
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22159	-3	9/9	
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22160	B8154A1-BK-218-1	9/12	23423
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22161	-2	9/11	
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22162	-3	9/12	
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✓ p/p BK 11/6

22163	B8154A1-BK-225-1	9/17	23431
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✓ p/p BK 11/6

22164	-2	9/8	
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-3

9/7

22165

B8154A1-Bk-227-1

23433

9/7

22166

✓
P/P

-2

9/7

22167

-3

9/6

22168

B8154A1-Bk-230-1

23436

9/8

22169

-2

9/9

22170

-3

9/11

22171

✓
P/P
OK 11/6

B8154A1-Bk-235-1

23441

9/11

22172

22173

-2
9/15

22174

-3
9/13

22175

LBNT

9/13

36

BK 10/15

22176

B8154A1-BK-237-1

9/10

23443

22177

-2
9/7

22178

-3
9/8

8/8

22179

B8154A1-BK-242-1

9/11

23448

22180

-2
9/18

-3

9/9

22181

B8154A1-BK-253-1

23460

9/8

22182

✓
P/P
BK 11/6

-2

9/6

22183

-3

9/8

22184

B8154A1-BK-260-1

23467

9/7

22185

✓
P/P
BK 11/6

-2

9/7

22186

-3

9/7

22187

B8154A1-BK-261-1

23468

9/9

22188

22189	-2		
	9/17		

22190	-3		
	9/8		

22191	B8154A1-Bk-262-1		
	9/8	23469	

22192	-2		
	9/7		

22193	-3		
	9/8		

22194	B8154A1-Bk-264-1		
		23471	

22195	-2		
	9/8		

22196	-3		
	9/8		

8/p

OK 11/6

B8154A1-BK-272-1

23480

9/9

22197

-2

9/8

22198

-3

9/11

22199

LBLE-X2-2

3424

9/9

22200

Bk ✓

B8154A1-BK-273-1

23481

9/12

22201

-2

9/8

22202

-3

9/7

22203

B8154A1-BK-276-1

23484

9/8

22204

22205

-2
9/9

22206

-3
9/10

✓
8/p BK 11/6

22207

B8154A1-BK-280-1

9/7

23488

Sig. color

22208

-2
9/8

Seg. color

22209

-3
9/7

22210

PI 408449

9/15

10948

22211

CIAT 25589

9/30

PR9706-10

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22212

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CIAT 25589

PR9706-10



22213

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22214

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22215

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22216

BX 11/6

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22217

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22218

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22219

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22220

22221

CIAT 25702

PR9711-15



22222

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22223

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22224

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22225

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11/17

22226

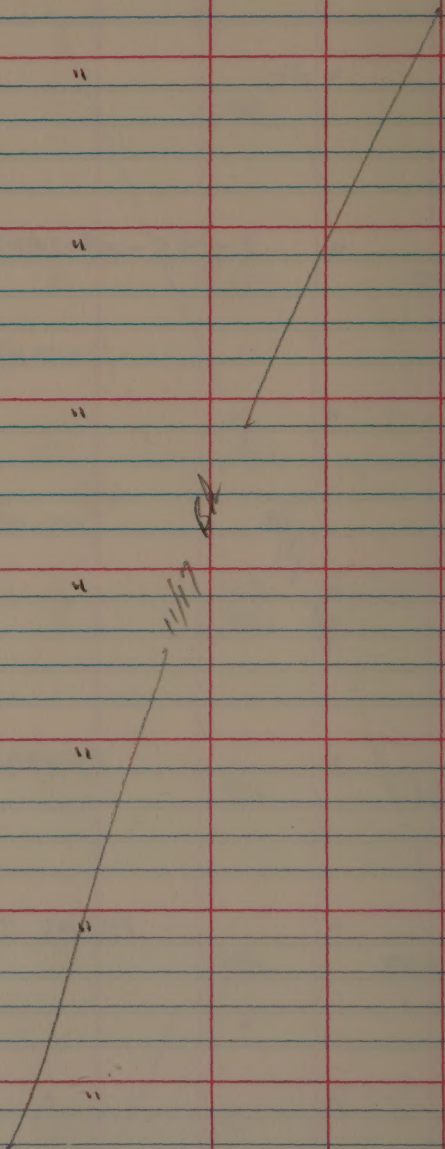
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22227

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22228

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22229

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22230

CIAT 31217

PR 9716-20



22231

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22232

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22233

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22234

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22235

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22236

22237

CIAT 31217

22238

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22239

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22240

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22241

CIAT 31233

PR9721-25



22242

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22243

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22244

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22245

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22246

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22247

11/17

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22248

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22249

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22250

CIAT 32009

PR 9726-30



22251

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22252

CIAT 32009

22253

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22254

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22255

22256

22257

22258

22259

22260

Found 4 "plants with population;
Schizanthus species in this
MAM potted one of them.
upper present
BX 11/17

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CIAT 30483

PR9731-35

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22261

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22262

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22263

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22264

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11/6

22265

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22266

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22267

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22268

22269

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22270

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22271

Guerci

CNRRI - PRC

↓

9/10

PR9736-40

↓

22272

"

9/10

22273

"

9/10

22274

"

9/9

22275

Lodged " 10/3
Dulled

9/8

22276

"

9/9

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2/9

22277

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9/9

22278

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9/9

22279

"

9/10

22280

Shuang Xu Gu

PR9741-45

J/

22281

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22282

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22283

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22284

22285

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22286

"

22287

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22288

"

" LOGGED
BULKED 10/5

22289

22290

"

22291

Chuan Nong 422

9/5

PR 9746-50

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22292

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"

9/7

22293

"

9/7

22294

"

9/6

22295

"

9/5

22296

10/3

9/7

22297

Lodges
Bullies

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9/8

22298

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22299

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9/8

22300

22301	Lu Cheng 17	9/18	PR 9751-55
			↓
22302	"	9/17	
22303	"	9/14	
22304	"	9/15	
22305	"	9/14	
22306	"	9/14	
22307	"	9/15	
22308	"	9/15	

	"	9/15	22309
	"	9/15	22310
PR 9756-60 ↓	Qing Mazhan	9/15	22311
	"	9/15	22312
	"	9/15	22313
	"	9/15	22314
OK 19/15 LOD 5/17 (9)	"	9/15	22315
	"	9/15	22316

22317

"

9/15

22318

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9/15

22319

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9/15

22320

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22321

Ai Too Gu 151

$\pm$ 9/20

PR 9761-65

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22322

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22323

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22324

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22329

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22330

Cheng Ai 8 Hao

PR9766-70

 $\pm 9/20$

22331

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22332

22333

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22334

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PR 9771-75	Luo Han Gu	9/1	22341
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	"	9/1	22342
	"	9/1	22343
	"	9/1	22344
	Early Logging Bulked 10/3	9/1	22345
	"	9/1	22346
	"	9/1	22347
	"	9/1	22348

22349

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22351

Jin Tang 60 Zao

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PR 9776-80

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22352

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22353

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22354

Cheng
Buluo
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22356

Du Jiang Yu

8/13

PR 9781-85

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22357

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22358

136" (9)
2004/15

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22359

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22360

Sahara 2

PR 9786-88

22361

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Egypt

± 9/20

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22362

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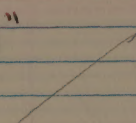
10/15

22363

"

22364

22365



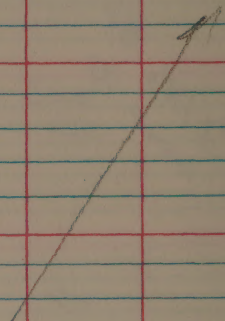
22366

$\pm 9/30$

PR 9789-90

22367

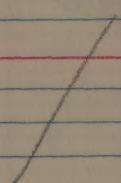
22368



22369

BK 11/6

22370



22371

29 Lu 1

$\pm 8/18$

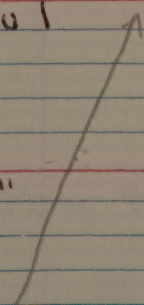
24467



22372

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8/18



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"	8/18	22374
"	8/18	22375
" 6K 7/12	8/18	22376
"	8/18	22377
"	8/18	22378
"	8/18	22379
"	8/18	22380

22381	Rexoro	10/27	85 GPB-1 ↓
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22382	"		
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22383	"		
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22384	"		
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22386	"		
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22387	"		
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Carolina Gold

85 Inc.

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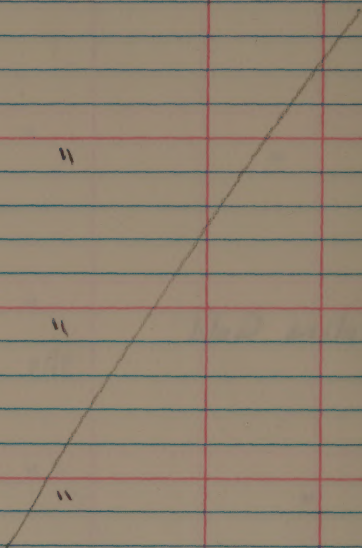
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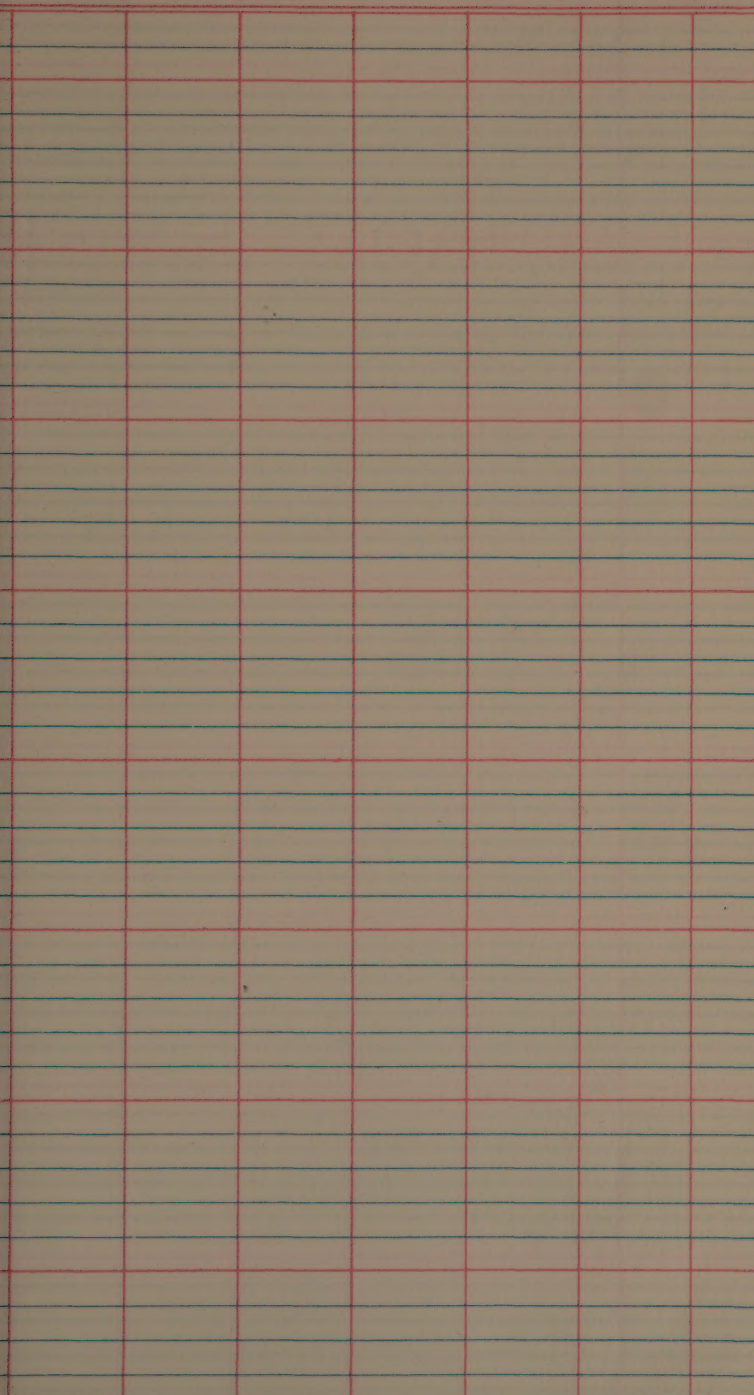
22399

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22400

"





Block Seeding Dates

21201 - 21800 6/25

21801 - 22400 6/25

B8130A = LEAH / LMNT

B8268A = LEAH / LMNT * F, // NWRX

B8332A = NWRX // 9881 / 331581 / 3 / CA82Y24

B8154A1 = B786A3 * F, / 7603091

22260

22311-20

22356-60

1 plant sekiguchi lesion?
in CIAT 32009

21625

